



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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60/105,877	28 October 1998 (28.10.98)	US																						
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<b>(54) Title:</b> HUMAN GENES AND GENE EXPRESSION PRODUCTS II																								
<b>(57) Abstract</b> <p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>																								

\*(Referred to in PCT Gazette No. 14/2000, Section II)

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<210> 4399

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4399

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ctacccaaac ctgtggcgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt 120
taaataatgt gctgaataag ctcagcaact aaaaaccatt acccaagaac gtttcttggt 180
agtgaagctga tttattctga ttcattatat tcccttttgt agattttata ccccttgggg 240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga 300
ggccagatgg tcagatatga tttctgcaa cccatcttga ccttgagtat gtgaaggggt 360
actgtacttt attcctgata cattttgggt tccatgtagg tgttgagctc ctggntttct 420
gtggttggtg gatgaagatt tggacccttc cattcataat ccttttctaa gtgaagggag 480
aggctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac 540
tggtctcag tctagtcagg tgcaatgttc ttgagagggt gggacctaatt tattaccaga 600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt 660
ctacctgaaa aaangnanan gnnctnnct tgattanctt cntaatcctt nnnnatnnaa 720
nennctcna annantttaa t 741

```

<210> 4400

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4400

```

tnnnttcngt tnaactggtt ganttcctat acaagctact tgttcttttt gcaggatccc 60

```

```

atcgattcga attcggcacg aggcctgatt gaggaagaga acatgctggc accatctctg 120
aagcagtttt ncctacgagt ggagatttgc catcctacat tccagtggag gttgctgaaa 180
aaatcctatt tggttgagaa tctgccagat gtttgagaat caaaatgtga acctgactag 240
aaaaggatcc attttgaaaa accaggaaga cacttttgct gcagagctgc acccgtctca 300
aacagcagcc actcttcaac ttggtggact ttgaacaggt ggtgggatcg cattcgcagc 360
actgtggctg agcatctctg gaagttgatg gtagaaagaa tccgatttac tgggtcagct 420
gaagatcatt aaagactttt accttctggg acgtggagaa ctgttcaggc cttcattgac 480
acaactcaca catgttgaaa acaccacca ctgcagtaac tgagcatgat gtgaatgtgg 540
cctttcaaca gtcagcacac aaggtattgc tagatgatga caaccttctc ctctgttgca 600
ctttgacaat cgagtntcac cggaaangga gcacaaagat gctnctcang caagaanaag 660
ggccttctcg ggaaacttct tncoccgga aagcccctgc antcttggct gggcagccct 720
angtcttttc ttacaaaagt acaagtgggc ccccnccnt ttttanct 768

```

&lt;210&gt; 4401

&lt;211&gt; 463

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(463)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4401

```

tttcatnntt tacaagctac ttgtnccaag atcccatcga ttcgaattcg gcaagaggct 60
agaagttcaa cgggagacnn attatnncca tngnanactt ncggaacctc gggttctgag 120
tngtgetctc ctcaactgen cgggtgagcc ttannccctg gnttgtgcna naannanacc 180
tnngtttant nngntncccc nnnnnctct taaanncta nnnnntnnag ngctntaaan 240
cccangtgag ctatnaanc aanaattgga gcgnattgca tcccngacta gngcggatga 300
actntntaca gatgaccnat catncttctc tgagccaang ngganaacnc tgccgctata 360
gacnttggen atnactcnnn nttgacatna gannatnnnc taacntnctn aanattncta 420
ggcnntccgn ttctcangnn ttatntttaa canctgnttc atg 463

```

&lt;210&gt; 4402

&lt;211&gt; 773

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(773)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4402

```

aaacatcttg aacccgtttg antnctntata caaactnctg gatgnttgng cnggatccca 60
tcgannchnaa tncggcncga gggcatagtc agacntgtn tnaaaaataa tnatnatnan 120
nnaaccagtg gtggggnat tctttngat tactattatn ttgttctcag aacaattgat 180
ttnantttna tagactttct agcccttata taataatnct gagtnctcng ccnncataa 240
aaanctggaa aannnctgat cnagaaanaa nnggtactac tntgangaat ntttangact 300
atnatactga gtncaatatg naacacaatt cngcgtnnct ncctnngatg anncntaaaa 360
tatttgaaaa tttgattgna tnaaanagca tnttggtatc cnggaganac tnatgntcnn 420
gacattanga catnctgtnt gnnngangct cccgtcnnaa ggaagccant ntccnnaa 480
actaccttgn taatataacc ggganccggc tttngnacct gccattntat tgatnanatt 540
naatgttnat atncnggaaa aaannggctc atgcccgtgaa atgtggggtn catnacaagg 600
gaaaagtgtt ctggngcgg atnacttctg gnnanaactc angttctnnc ggactnngat 660
ntaatnctct ccctttgcta ggtttcctcc cagganncng nttcnaaagg cgaatcaaat 720

```

gccngccaac atttcaaatt ttnaaganng gggnnccnncn aaaaaaaaaa aat

773

<210> 4403  
<211> 777  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (777)  
<223> n = A,T,C or G

<400> 4403  
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tattgtaata ataacaataa agagaaatta gaagtggggn tcagggtaga aaaaaatgca 120  
aaggccttgg tccctaggag accaactctc cagctgagct ggccttagcc ccagcccctt 180  
ctaatttctc tttattgnta ttattattat tttctctgct attgtaatat ttttttggtta 240  
attaaatggt ttggtcaaaa aaaaaaaaaa aaaaaanaaa aaaaaaaaac tcgagcctct 300  
anaactntag tgagtcgtat taccgtagat ccagacatga taagatacat tgatgagttt 360  
ggacaaacca caactagaat gcagtgaaaa aaatgcttta tttgtgaaat ttgngatgct 420  
attgctttat ttgtaacctat tataagctgc antaaacaag ttaacancaa caattgcatt 480  
cattttatgt ttcaggttca gggggaggtg tgggaggttt ttaattccc ggcccgcggc 540  
gccaatgcat tgggcccggg cccacctttt gttcccttta gtgaggggtt aaattccccc 600  
cttggcgtaa tcatggctcat tagctgttnc ctgngggaaa ttgnttttcc ngtnacaatt 660  
ccacacaacn taccaaccgg ggagcataaa ngtgttaaaa ccctgggggg cctaatagaag 720  
tggancttac ttcnattaa ttnnctgtgc gcctcctggc ccnnttnena gtcggga 777

<210> 4404  
<211> 863  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (863)  
<223> n = A,T,C or G

<400> 4404  
ccnactttt cnattangtg nagecctcgc ccanananat tggcntgggc tnaacgnana 60  
ttatcttctn acnnatannt gtgtgcctat tttttcataa ttcttnancn nangncttnt 120  
tntaantggt ccgctagncc anannntgcy ctaacanatc agggcgccac tgttgnccga 180  
tnacnactgc nattngngcn ctntnncatt ncnaattgc gcntntnaaa tcngatcggn 240  
tcacatgaan atnanaacgt atatnatnnn cnaacttgag atcttcnttc acgggnctc 300  
tnnnacngct tnatgactcn tggtnacagc nccacggntc atcangcccc canngaaatg 360  
ngactantcn cntggancnn nntgnaacac ctgnccttca cangtnactg atnaaggctn 420  
anctgntcan gacanncntt aanccttnen gcttngtnc tgggaaccaga aggantntn 480  
nnaaanggnt cgatnacncc ctantagtct tacctactgc anccatcact ggaancatgc 540  
taatanggct atgtggctcag tgtaancntn atcaatngaa acncccnenn annttnncn 600  
ntnanctcaa cctaaatant cnccttttta aataantnca cnncaatggt nnaaactanc 660  
ctannaatng gcngttcccc tngaagcct ccttctcnaa gcntgcacac nttcntntng 720  
nancccnann ntttaccctn tcgnnatccn cntgggcntt ncctttattn atccacctat 780  
nggcttcccc aaagaacntn ctngnnnca atcatcctg ggannacttc ctcctntngg 840  
nnaataacgg cgcaaaantt nct 863

<210> 4405  
<211> 424

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(424)  
<223> n = A,T,C or G

<400> 4405  
ccntcgaatt cnnncgagga gaaaagctnt cangttanct gtttggettta taagggaaac 60  
ctgcagtcct ttctgaaagg ggagctgtga atatgactgc ttgttagaaa gatgtccttag 120  
gattctgggt gaaaattttt aattcccctc atgttagaat gtcacagagt gtaccttttt 180  
gacttagtat ttctctagta aaatacacct ttcttaagaa aatggctaca aagtcagatg 240  
catgtaaatg ctttcagcaa gggtttattg atcatctgct ttaggctggg ctctatgtta 300  
ggtgccctgtg gattccattn tagtacctgt gttctcatag aattgaatcc tgntcccca 360  
tatgactttt gatgatattc acactgttaa ttccaataaa gacagagtag acaaacagaa 420  
actg 424

<210> 4406  
<211> 739  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(739)  
<223> n = A,T,C or G

<400> 4406  
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agaaaaacaa cagagagaaa aagaatcctg agaatatgta gaagctttac gagcccaa 120  
ccaggagaaa atgcagctgt ataattattac ttacctcca ctatgctgtt gtggtcctga 180  
tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 240  
agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 300  
aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 360  
ataataagaa tctgaaatta actggtagta ttttggttt tacttaaaat catccctgag 420  
agagtattta agaaaagctg ttcaagttat aaaatatata atctggaaag aaatactgnc 480  
tcatataata attagattgg aatcattggg ttaatctctg tctgggaacc aagattgaaa 540  
gctgacttac ttctctcttc tgncttgatg accataccgg agcctattat ttttaaaata 600  
tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat 660  
ggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga 720  
cagtactgaa aangctggg 739

<210> 4407  
<211> 784  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(784)  
<223> n = A,T,C or G

<400> 4407  
cntcagcggc cntgnatcca aagntggggg cgngcgnacg anctgcgagc ctgccttacg 60  
aggccgcaag ccctttttgc caccctcggn gncngnncgt tccggccgtt ttgngggcat 120

```

cancegnccg ncatggcagt gaacgnceng caggcncag ccacngcctg gggctanaga 180
ttaaattgac nccccnagac ccggcattat caggagnngc tangannctt nctgcatnct 240
cggnaaacta gcataagcca aagactcgcc atgcagaant attagcanat agctgcgctc 300
gataaaggaa ngaggagnta aanaatnaac tagtgaaaac aagggagatg gtggcctttat 360
cgtggggttag agctntngan ctatgatgtc atcggctaga tactatgtga aatatcttac 420
tacnnttann catgcnaatn agantgagna agnctnngac caagccccct ttaatgagnn 480
caagaaaaac tcttggtctg tagaggaaag nnaatcnagc tanaactcgg tgcacgaata 540
tgngntcata tccaggcaaa ccgggagntt gttgtaaacy gtcaggacca atggnaaccc 600
ctttttnccct ctggggggcct tnngttggcc aagggaacgc aattaaggaa ccttaaatgc 660
nnantagnnc cnncaatttc ccggncatg gaaannccaa ttgncengga ntgnccccct 720
tnngnccttg cctcncccca aaaggggggtt tgnccacca ngtngnttgg ggaaaaacaat 780
tccg 784

```

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

```

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gaattcggca cgagggggcnc tgtctgcttg cngcntgnan acgatnngtt tgatentctn 120
tnaactannn acttncnnng ttngncttat tgcagttntc atcnaacgct aacantgtng 180
tctctatnan natnttatga agnacatata tacgcttnat gancantntn tgtcanaann 240
ggncanance tatgtcgtgn gcnttntttg ncaattnnan aanangagct nanggatcna 300
ncgatgtgaa agnacagctn tactctgaan acatgctcnt cnnntngna tgccnnnta 360
cntancnaac gaaatattcc nntaaagacc nganntnata tggacataca agaanngtnc 420
ttcaaaaagg tcccttantn nanagttntt ncnngggtt gactacctg tagntaattt 480
actaggaatt cttggtaate gaaatccaac ttnccgctnn ggaactcgtt gngntcnant 540
antnataaag tggngngngn gaaancctgg nantaaangn naaccctggc cattgggtng 600
accattgng aattnacttt tatcccaagt tnggaccnc ttttaccctc anttgcccn 660
ttgtgngctt ttgcccccaa aaattccccc cnttccatt aacncgttaa nccaaatttt 720
tccgcccgtt aacaataaat tttttntan cctnaaata ccnnggggtt tccctaaaaa 780
ncgtcnnatn cctnaanttn ccttttgaaa tttccctttt cncctctggg gccnttantt 840
tgaacccca naanttnaac ttggncctc cncnggttta antcnaacan natttgccct 900
tacntanana aaatctccta cctnttggtt ncttcaanat ttttgaacnt taatctnnat 960
tttanannna nttaaataaa ctgtaatct tggaaannta ctntgnnncc cnaaatccn 1020
ttatacacat nggtnttttn atgnnaccaa acttttgagn aaccgcatng tcttataacc 1080
cncnaaattt ctcccgtaac nccggggtnt cttcaatctt tacctcaaan gngaancgt 1140
tttctttgn tttcttacnn atacggctnc gttctctc tatttttant ccantaaatg 1200
gtaattcacn ttttccgga nctctctga cctatntnac ntctcttcan atctccccct 1260
aaagtccna atctcnaact tccaattntt acccccanta tcaatgtttt ccaatccctt 1320
nttctnt 1327

```

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

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tcacacggac	ngctaccanc	gagnagggt	ttnttnacca	naatcangac	ctaaatgcac	120
ggntntatgt	accctgncca	ccatctngtg	cctctttatc	attngcctct	tccntccctat	180
ntcccttgcg	ttaaggaana	aaaatggtgn	cacaatttgt	caaaagtnat	tttaannгна	240
aancctnnnc	atganagnaa	ccntgnantt	caanncgnc	nnaannnnnc	tntnnncca	300
nngngggacnt	ngnnnnntcnn	aaccctnact	ntnnntncnn	gannncnna	nnnccnatat	360
cntnncnnga	gttnaatnnc	annncancan	tttnntann	nnngaannan	gnnaaattga	420
nnncttgtn	cgganntanc	ntcangatcc	cannannant	nccganecna	anttctatna	480
antntncnan	caccanattc	ngtcganacn	nenncgtcnn	ncngcacnat	ncactgnnan	540
tnnancnma	gncnnnactg	nanntacngn	anctacnagc	gctgacnntn	cntntccng	600
cnngncnngt	ncngtanatc	ncncnatcat	ntnagatntc	nnttnnatnt	acnnatntnn	660
antntcgana	ntgnntcagc	gancntatat	nngnganncn	acctanagng	cacannacan	720
ntcnanacga	nacactnctc	ncagnnatnt	tengnecgtnc	tctgntgagn	cnctacacnn	780
ngnncacnnc	tntancagag	taatcncaca	ctgtaatcnn	tataccanaa	ntctnecgtac	840
gcanancnch	cnanagcat	cncnntgctg	acgttnnacnc	atntcnacat	ntengcacgt	900
ncatntntca	ntancncnaa	tntcntatgn	nctannngntc	nactntatat	atntntnttg	960
atatgnntnt	ncgntancan	acacgnacng	ngnacanaca	nenactnna	nnnangannc	1020
acncanncn	tnangncann	nttngnnnn	tcgcnananc	gtagnatacg	ntactcagng	1080
cntancacnc	ganncgagan	tatctcncaa	nanactnnnc	gctnnnnant	atcactntct	1140
cntacatcga	ntctcngcng	atctacncgc	tcagtnncnn	ctgannnnat	atnagnatcn	1200
ctcncatnga	tnanantann	aancactggn	ncnnncnaacg	ngtnccgnta	naagtaganc	1260
gnnctcg						1267

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (462)

<223> n = A,T,C or G

<400> 4410

tgngactntt	tgaactcctg	ttcttttttgc	aggatcccat	cgattcgatn	atgnnnncan	60
ncactntgan	ngtnnattta	tnnntttctc	cnattccnna	actaatggga	nnccgggtgct	120
ggtatngann	cttggggaaa	atacctggag	ataccagtgc	agctattnaa	agctgnagca	180
agggctgcaa	tcttgcgag	atttttaaaga	gaagtnttaa	agtttcta	actgatgcct	240
cttttttgta	aatacaagtt	ttatnaatcc	tgccctggga	tcctgattcc	ccattaatca	300
agatttgta	gacttcacct	tctataatta	gaaaacacag	ttataagaac	agtcaatttt	360
ttaaattttc	caaattaaaa	aattgcacca	tgattttgaa	caagcacttc	caattncatt	420
acccatcttg	tatgccatag	gtggggagtat	aattgncaca	gc		462

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (765)

<223> n = A,T,C or G



&lt;400&gt; 4411

tnnnnttttn	aannttttcc	taatgctggt	ctcgtttcttt	ccgcaggatc	ccatcgattc	60
gtttgtgctt	tttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa	tcacagccca	aaatttgatg	gactaattat	tattttaaaa	tatatgaaga	180
caataattct	acatgttgct	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agtttttaact	ttaatacagc	tcagtaaatg	gcttcttcta	gaatgtaaag	ttatgtattt	300
aaagttgtat	cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa	aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaaca	caccttctcg	420
tggaggctga	gatgaaaact	agggctcatt	ttcctgacat	ttgtttattt	tttgggaagag	480
acaaagattt	cttctgcact	ctgagcccat	aggtctcaga	gagttaatag	gagtattttt	540
gggctattgc	ataaggagcc	actgctgcca	ccacttttgg	attttatggg	angctccttc	600
atcgaatgct	aaacctttga	gtagaagtct	ncctggatca	cataccaggt	caggaggat	660
ctgntcttcc	tctacgttta	tcctggcatg	tgctagggta	aacgaaggcn	taataagcca	720
tggctgacct	ttggagcacc	agtgccagga	cttgtcttca	tgtgt		765

&lt;210&gt; 4412

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4412

gnnttnantt	nnnttccctt	tcaaatnctt	ggctacttgt	tctttntgca	gggatcccat	60
cgattcgaat	tcggcacgag	ggaacctact	agatggacag	gctgaggtgt	ttggcagtga	120
tgatgaccac	attcagtntg	tgcanaaaaa	gccaccacgt	gagaatggcc	ataagcagat	180
aagtagcagt	tcaactggat	gtctctcttc	tncaaagtct	acagtacaaa	gccctaagca	240
tgagtggaaa	atcgttgctt	canaaaagac	ttcnaataac	acttacttgt	gcctggctgt	300
gctggatggg	ntattctgtg	tcatttttct	tcattgggana	aacagcccan	anagctcacc	360
aacangtnct	ncaaaaactaa	gtaagagttt	aagctttgag	atgcaanatg	atgagctnat	420
cnaaangccc	atgtctccta	tgcagtacgc	acgatctggg	ctgggaacag	cananatgaa	480
tggcaaactc	atagctgcan	gtggctataa	cagagaggaa	tgtcttcgaa	cagttgaatg	540
ctataattca	catacagatc	actggctcct	tcttgctccc	atgagaacac	caagagcccg	600
atttcaaagt	gctgtactca	tgggcccagct	tttatgtggg	acgtggatca	aatggggccac	660
tnaaattgac	ctgaagtggg	ggancagatt	aatgaattca	aacctatagna	tgactggggt	720
cctgttttcag	aatttgagaa	ctaaccgcgg	tgtgn			754

&lt;210&gt; 4413

&lt;211&gt; 1119

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1119)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4413

ncncacnnnn	cantnntcna	nanccannnc	caannectca	cncnnnnnan	nnctctcnaaa	60
ccanccnnnc	gnctnnnat	nacncaangg	naaggggcan	nnngattcta	gttttnntnn	120
anttttttga	aaggccnttt	cnagagtcnc	ttggcaagcn	gcttctacca	gangaattcg	180
gcacgagaat	nntccngtat	ntgntctctc	naccctagaa	tnacttatan	acgtataann	240
tannctcna	aatactnaca	ggtntnaaaa	taangtnnat	caantactaa	tttaattctg	300

tttcatcana	aagcacgacc	atcgtggcat	ngaaaacttga	gttatagcct	actatcanga	360
tcaatntaaa	aaatatatat	ntagggctgg	ntgcacgtgg	tgcacatctg	taancccaag	420
tgctttggga	ggctgaggng	ggtgaatcac	ctgaangtca	cganttcaag	accaacctgg	480
tcaacatgac	nataacccca	tncctacaac	aaaaatgtaa	caaattagcn	acngttgggn	540
nacacacacc	ntatcactct	acntncaatn	gggggcccga	atncngtnga	anaatccgcc	600
tntgatctct	tnagnaaaca	tncaaangcc	tgctncanaa	gctaatacat	cattgccena	660
cctgggaactt	ccaatccntn	atngcnaanc	ancaatctac	ncaccacntg	gtcccntaat	720
atacgggaaca	nactcacatc	ngactatctn	aanantncca	nagcnataan	ggnnacantn	780
acnccancan	ntttncnaanc	nntgccnaaa	nanatacccn	acaacaatnt	ctagnacant	840
atnnacnnnc	ntttacncat	ncnncacat	ntnncccaaa	ctcnantaca	cntccntcac	900
actntcactc	ctctcctacn	tnnnncaaaa	anactcntcc	gnaacccttc	cntnnantat	960
acctcatnta	taccnnanna	atctcctaac	atttttaccat	ntctcntnat	ncccnnnaca	1020
cactttnnct	naacnncntc	tcnanataac	gnaanntana	nctctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnaccc			1119

&lt;210&gt; 4414

&lt;211&gt; 788

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(788)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4414

gntttnttcc	ntttntcttt	caaataccttg	gctacttttna	attntctgcag	gatecccatcg	60
attcgnnttn	ggcncnangn	ggatntggct	tntgnggaat	nggatnnnna	gctgggtcgat	120
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tnagnncag	tgctgtttan	180
gaanangatc	tcantgtntg	nnttgannct	ctgnatggan	ccanggcgtn	taccnaaant	240
attntngaca	ntgtgacacn	tcattatttg	aatngantat	gannnanatg	ncatagcang	300
aganataaac	cagcnatatt	acaactatct	cgcancgacc	ngatgctgng	ntctggaaga	360
caatntggng	agnttttaggt	ntagegcctg	nnggntttca	nctgntanan	gaacctgntg	420
ngaaanacat	tatcacnct	actcgntcct	atngcaacaa	gaagnngctg	actgtgntgc	480
tgctntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	540
annganngcn	aagnctctgc	ttattgtntg	ngcaaatgct	ggttgtaagg	anntgaggtt	600
actttgcgct	ttgggnaagt	nontactana	ttntttnttg	ggacngcaan	gntttnnccg	660
ggtganccca	angngnaant	ggnaccttan	tngancnat	naanggnntn	tcnananggca	720
tagtnnanc	tggannaaag	gangttncna	gnnttttann	tnccgggaaat	nnnnngactta	780
cttttttcg						788

&lt;210&gt; 4415

&lt;211&gt; 1411

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1411)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4415

ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaanggnt	tttttttttg	ggggaaaaaa	60
nnggggcccgt	ttggctnngt	ggaaaaaacc	cccccttttt	gggggggaaac	cnntttttcg	120
ggngaaanng	nnncncngng	ggnnngnnng	nnnnnggggn	nngngagggn	nnnnngggnn	180
nnngngggnn	ngngntnngn	nnannggngg	nggggngnga	ntttntttgn	naggngggagg	240

```

gantttntng gnngtttttt ttgncgnncg gggnnngntn ggggnagnggg gggcgagggga 300
ggggnggggnn cngggngnga ganagnaagg naggngnggg angcgtgggg tngngggann 360
gggnnagann aggcgnnatn agngngnggg gnnngggangn gggggagngn gggtagnagn 420
ggggngngngn nngngngngg gagggnnngc gnangggacg ncacagnggg ggtcaannng 480
ngangggann tngggaatgc nggnngggcn cgggggcngn nnggagnggg gntgggacag 540
ggtgnnggan gccannnagg ggnggggggn ngccgagngc attnggtagc angnnnggcn 600
nttcgggggg ngccnnnnng tnanatgacg gngcgggggg ngnanatnca ngggggnnagn 660
gnggggaang gcncncngng tntggggggg gancnntga gggggngnna agnagggggg 720
ggaagnncgc caannngtg ntncnggggn nnangngan nnnngggggg gannngngncg 780
ggngangggg ggggaaccnn gtnnnnagaga agncnntgn angntgggag ggnnccggnnn 840
cangggggng gncanggggn gnnaanantg cnnnnngggg ngnggaggat ggcnggggag 900
cntggggana gatgggggan nnnagagcgn ngagnngtg tngggggng gngatnnaga 960
gngtnnnggg gggngngngg gggngganng agnganggg gnnaaaagn anagggctan 1020
tggggggggg nngannngna aagagggggg gggggggggg ganannngng cgagngngnn 1080
ggnaaanggg gngnaagggg ngntgnngg gggganagg gggntntnng ngnggtancn 1140
tngggaannn ggggggggag ngngcagaag nncngggggg gnggtgnaaa angaaantgn 1200
gggggggnan nnacaggggg gnannaggna ngggggcnc ganagctang gaggggnnnn 1260
nnngnggtg ngggggngan ngggagaana gggggggggg tngngnaagg ggggggnnaa 1320
naggggggga nnaaaaagag tnnngggggg nagaanngn agggggangg ggngagngng 1380
ggatgggggg ggggnncacn cannaccgcg n 1411

```

```

<210> 4416
<211> 768
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

```

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<400> 4416
gncttttaacn aatgcttggc tacttgttct ntttgcagga tcccatcgat tcgnattccg 60
nacanngggc atacttgntg ccttccangn gnactntcac caangtntct ggcgtacanc 120
gtnnaganen gcntgaccgc acnccatcgt nangngcagn ngtgccttgc tntgngaen 180
ggggccaagt ncggtntgtc atgcctntga tnccacnact gnnngaagct gatgcangcn 240
gatnacttna ngtcagtant tcnanaccag actngccaac atggtgaaac cntatnttta 300
ctatanacaa gagtagatcg anngtgggng nngcacactt gtaatcnnag ntactcnaga 360
tgctgntgcn naatanttgn tttnactctg gagatngang tngnantgan ccaaaatcgc 420
nccnctgngc tccaacctgn gngacanagt aagaccctgt ctcataacaa aaaaaatata 480
actcnagcct ntanaactat aggggaagtcn ggattacn naccngnca tgatanggat 540
acatcgattg antttgnaca nncnacaact tggattgcag gtgaaaaaaa tgcttntatt 600
ttgtgaaana ttncagtgtc attgctttta tnttgtaacc nattataagc ttgcaaatta 660
atcatgttta ancaacaacn ngnttgcatc catnttatgt ttcaagttnn aaggnggaac 720
ggtntnggna aggtttttta antatggcgg tccggcgngg tccaannn 768

```

```

<210> 4417
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

&lt;400&gt; 4417

tcnnnctttc	taaatgcctt	nggnnttccc	tttctaatng	cttggctact	tgttcttttt	60
gcaggatccc	atcgattcga	attcggcacg	agggacaata	atggccgctt	tcaaggtgtg	120
gattttggct	ccttgagcct	gtctgagcga	ggggtggcag	cgccggcgcc	ccagaatccg	180
ggacagaagg	gtcccaagag	tcgcgcttgg	tgagagaaat	cccagatcct	gtgatggggg	240
acaccagtga	ggatgcctcg	atccatcgat	tggaaggcac	tgatctggac	tgtcagggtg	300
gtggtcttat	ttgcaagtcc	aaaagtgcgg	ccagcgagca	gcatgtcttc	aaggctcctg	360
ctccccgccc	ttcattactc	ggactggact	tgctggcttc	ctgaaacgga	gagagcgaga	420
ggagaaggac	gatggggagg	acaagaagaa	gtccaaagtc	tcttcctaca	aggactggga	480
agagagcaag	gatgaccaga	aggatgctga	ggaagagggc	ggtgaccagg	ctggccaaaa	540
tatccggaaa	gacagacatt	atcgggtctgc	tgggtagag	actccatccc	atccgggtgg	600
tgtgaaccga	agagtttttg	gaacgcagtc	cggcagaaaa	aaccggaacc	ggcgggaaca	660
tggtgtctat	gcctcgctca	aagaagaaaa	ggattggaan	aaggagaaat	cgcgggatcc	720
nagaactatg	acccgcaaga	agggacnaga	nattaaccgg	gattagaaag	taggcacanc	780
nt						782

&lt;210&gt; 4418

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4418

ggngntttta	tcagctcttg	ttcttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
gacgggtgaa	gcagatgttg	agtttgctac	tcatgaagaa	gctgtggcag	ctatgtccaa	120
agacagggcc	aatatgcagc	acagatatat	agaactcttc	ttgaattcaa	caacaggggc	180
cagcaatggg	gcgtatagca	gccaggtgat	gcaaggcatg	ggggtgtctg	ctgcccaggc	240
cacttacagt	ggcctggaga	gccagtcagt	gagtggctgt	tacggggccg	gctacagtgg	300
gcagaacagc	atgggtggct	atgactagtt	ttgtaggaa	catttgagtt	acttcaatca	360
ttttcacagg	cagccaacaa	gcaattaaga	gcagttataa	tagaggaagc	tgggggaccc	420
attttgcacc	atgagtttgt	gaaaaatctg	gattaaaaaa	ttacctcttc	agtgttttct	480
catgcaaaat	tttcttctag	catgtgataa	tgagtaaaact	aaaactatct	tcagcttttc	540
tcaattaaca	ttttggtagt	atacttcaga	gtgatgttat	ctaagtttaa	gtagttaaag	600
tatgttaaata	gtggatcttt	tacaccacat	nacagtgaac	acactgggga	gacctgcttt	660
ttttggaaaa	ctcaaangtg	ctacttctcg	attcaaagaa	atattctcat	gttggtcatt	720
ctagtttata	ttttcattta	aaatcct				747

&lt;210&gt; 4419

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(748)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4419

gnttnnttcn	tttcttttca	atnottggct	cttgntcttt	ctgcaggatc	ccatcgatctc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccagggtat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttgggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240

aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggaatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttggtt	720
ttgcttanat	taagtcaa	gccgtann				748

&lt;210&gt; 4420

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(748)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4420

gnttnnttcn	tttcctttca	atncttggct	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccagggtat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240
aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggaatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttggtt	720
ttgcttanat	taagtcaa	gccgtann				748

&lt;210&gt; 4421

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1407)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4421

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gnngncttaa	120
cacttttnng	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gnngntntcn	180
anttaacntt	ttctttaaat	tnaaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	ntttnnatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttcntca	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgtg	tccacanaga	natatttttt	540
agaggcgtat	ntntnatcat	agngannata	ctntcanenn	aattagtgtc	ttnaatattt	600

tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcnctat	aatatnnggg	anaatttgtg	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttaacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaacn	840
nnttggggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaataactc	tatatgtntt	tgcnttacna	acancactat	tnttatenta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgctaata	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancctc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttctn	tcnncnt				1407

&lt;210&gt; 4422

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1407)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4422

ggnttattcn	ttcetncaaa	tncttggcac	ttttattctg	cggateccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gngnncttaa	120
cacttttngg	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tcctntaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnannct	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	nttttnnatc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttctca	ncacctattg	tgncctnngc	gnannatnt	ttacnctgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgt	tcacacanaga	nataattttt	540
agaggcgat	ntntnatcat	agngannata	ctntcanenn	aattagtgtc	ttnaatattt	600
tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
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nttctctata	ttanacatnn	atattggggg	nannnttaacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaacn	840
nnttggggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaataactc	tatatgtntt	tgcnttacna	acancactat	tnttatenta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgctaata	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancctc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttctn	tcnncnt				1407

&lt;210&gt; 4423

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (804)  
 <223> n = A,T,C or G

<400> 4423

ggttanttcn	tttcctttca	atccttggtc	acttggtctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnggaggc	ctncgcggca	tctggnnncn	ttggnatctg	nttngcngnt	120
ngagcgatnn	tgggctgttg	tggacacgcn	tttnangett	ctggtgtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatacna	cttnacacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacnncctga	nttaangtgn	tggannngat	300
nngtnntttt	anngnntggg	nnaaaactnt	cntattcnnc	tgatgnnact	ttggatcnca	360
ctnctgaggg	anactcgtga	tggagcnanc	tngggcnggn	gnaccnncct	nttttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcntc	tgnnttantn	480
acttccaccc	anagcatnat	angacctcng	acttanccng	ngtcnnagcc	ttctganatn	540
nggnetggaa	gnctgntngg	ctnccttann	nnccctntt	gagnatnatg	atnnaacncg	600
gctttggngg	gttccactctg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660
cntcttgcaa	tttgggaagg	aantccnttt	tntcngcctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantnttt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4424  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (749)  
 <223> n = A,T,C or G

<400> 4424

gnttnncncc	tttcaattnc	ttggctactn	gtctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gaggatctgc	cttctgagga	agtggatcac	gagctgattg	aagacagtca	120
gtgggaagaa	atactgaagc	aaccatgccc	atcgagctac	agtgcattta	aagaagaaga	180
tctcgtgggc	tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	240
caatgtaaca	gttcttattg	gaattgctta	tgaaggaaaa	gccatancag	gagttattaa	300
ccagccatat	tacaactatg	aggcaggacc	agatgctgtg	ttggggagga	caatctgggg	360
agtttttaggt	ttaggcgcct	ttgggtttca	gctgaaagaa	gtccctgntg	ggaaacacat	420
tatcacaact	actcgatccc	atagcaacaa	gttgggttact	gactgtgttg	ctgctatgaa	480
ccccgatgct	gtgctgcna	taggaagagc	aangaaataa	gantattcag	ctgattgaag	540
caaagcctct	tgcttatgta	tttgcaagtc	ctgggttgtaa	gaaagtgggg	ataccttggtg	600
cttcagaaat	tattttaaca	tgctgntggg	aggcnanntt	taacccgata	tcccatggg	660
gaatgttctt	tcaantccca	naaggttgtn	aagcatatga	acttttctnn	gagtcctggc	720
ccactgtgga	attatgacta	ctatgcanc				749

<210> 4425  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (727)  
 <223> n = A,T,C or G

&lt;400&gt; 4425

tcnaatnctt	ggctcttgnt	ctttntgcag	gateccctega	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagncaca	gttttagagtn	ttgatatatn	actngaaaac	agtancattn	120
ccnaanaccn	atnaccncca	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
nttntgactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnnecatgn	aacatgagtc	300
tacattttac	cttconatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ttngcacnan	420
cctaataatt	attaanactt	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagntc	taaggacctt	gatantnctn	ngtatnnntn	gttgaatgtt	gnanaatatt	540
tcatnactac	tcaantgatg	gtncatgat	ctgggaggaa	gcctncttna	gcattntanc	600
canattgncc	agggtttcna	gganaagtct	aaagcctgtn	angataccna	tgggacccca	660
ccngngtgna	anggcctnnt	gtcttncggg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggctt						727

&lt;210&gt; 4426

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4426

cctttcttga	aaacnttggc	nacttnctct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggagg	atctgccttc	ngaggaagtg	gattnagagc	tgattgaana	cannnantgg	120
gaagaaatac	tnagcnacc	atgncatcn	cantncantg	ctnttaaaga	agaagatctc	180
gnggtctggn	ttgatccctt	ggatggaacc	anggantata	ccgatggtct	ncttgacaat	240
gtaacaggtc	ttattggaat	tgcttatgaa	ggaaaagcca	tagcaggagt	tattaaccag	300
ccatatnaca	actatnaggc	aggaccanat	gctgnnttgg	ngaggacaan	ctggggagtt	360
ttaggtttan	gngcctntgg	gttncatctg	aaagaagncc	ctgctgggaa	acncnttatc	420
acaactactc	nattccatag	naacaagacg	gttactgact	gngttgctgc	tatgaacccn	480
gatgctgtgc	tgcnagtatg	aggacaggan	attngattat	tcagcttatt	nanggcaann	540
actctgnnta	tnnatttgc	agnnctgggt	gtnagaattg	ngatacttga	gtccagaag	600
ncattttacat	gctgtnggag	gcangttaac	cgaatccatn	ggnatgttct	tcagtccacc	660
aangatgtta	accatntgaa	ctctggatga	gtactgccac	nctgaggatt	atgactactn	720
tgcaagccca	nnacatgngn	gagccccctn	ctt			753

&lt;210&gt; 4427

&lt;211&gt; 863

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(863)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4427

tttgnaaanc	cctttctggt	gttcaccgga	aacncttggg	aaattcccat	agctncangc	60
annnantgcg	atggcggtgc	cctgtagtcc	caggtagtcc	ggaggctgtg	gcagattttt	120
ggcttattga	acacaggcag	nttgtggcca	ttcagcaagg	agcataatgc	ccctgtnggt	180
ggtgatagtg	aataagcact	cagtgcagnc	aataagnata	taattngagt	taatgcatgn	240
cnaatgatcc	cngtcccttg	ttgaatgtgg	atttntntat	ctcantncca	atacatttnc	300



```

tacaaagcca agtgccattc cctggaattg gccnatagca atcnggaatg tnnaccatng      360
gattcactca ctggcagntc aagtctgtga acaccatgaa ggttaatcaa catgaggggt      420
taaagccaac tttataggct tgctatatnn nccttcctgg tcagcaatan agcccattcn      480
cnggagcttc cngnggggat gactcgcccc agngaattct cctattaagn naaccnanng      540
gnttaactgn agaaaaggct tnccgtnatc tntaagatcc ttttggaaac cacntttant      600
ctaccctggc ctncagntc caatttggan agacccgnc atnnancctt tggangaaat      660
ncccaatncc aggaaaccca atggccaaaa cccctntnn aaggnnnctt naacaagccc      720
agggaaaacc naattncccn aaanattggg gccntnnnnn gggggggggg aaaaaggctn      780
naaactntcc cnaacttaaa acaaangncc ccttgggntt ntcaaaaaaa nggggcnttt      840
nggaanggaa aangganccc cna                                         863

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<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 4428

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nntttactnc ctttnccccc tctntttgca ggatcccatc gattcggaatt cggcacgagg      60
cagaacngat ccagacanaa antgtntgca ttttaccttn tttcccnenc caattcttct      120
tngtaganga nagtancgtc agatgnctct tgncgancct nnnctcngtt gnacatngcc      180
tatnctcctt tnagatntan atgganattt gcttatgact tgtgttgnat aacgaggtan      240
aaanattgct gtcttctctg acatncctcc tcaaaganat cattaatgta tgatatctaa      300
taaaccanct antgcatgta acagtgatca gcaaattaat anatananacc tctattcatg      360
cttaaattat caaagntagt atttnaatga natgtgctat tttcattaaa atntntggca      420
ccatcgagna tganacttac caattgcanc nnaggnantg agccctnacn c              471

```

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 4429

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nggggtataa annnnntttt nngaatacag ctacttgctc tttttgcagg atcccatcga      60
ttcgcanngg ngcncgnnat ntgntngncn atngaactgn cnnngcacat caatatntgt      120
gggnttncnc natctntcat nnantgtgna anacagatct gacttgggta tgttngagtg      180
accctganca atgnnngnag acggntaggg gtacacggag cacacattcg tcacaaattc      240
tatnggtgca tnttttgcaa gggncgtttc cagggtgctt attancgann gcaaagggta      300
cttggcaatt gcaagatttt ncaatgagcc ccaagnaatt cntngancga attgcattgg      360
caccccaagg ttnaggaaa agatnggnaa anccanttac cttcnaattt ccaaccttgn      420
nattttgacc ttggantggt ttttaannaan accccagggt agttacccaa cntnngggcg      480
antttncnaa agtncccccna tcccttaatt ccaccaanna anggntttta aanaatggcc      540
taatttcggg cgagttattc gaagaataat cgcttantng tggtncaaaa cttacattac      600
tcaatggaaa cattcaccca attttngaaa ggggaatcttt aattcggcct ggcattaaat      660
ccggagntgt catgggcttt cngaattcaa atgaaanngg ttatatttct gggngngaag      720
atcananttg acganacca atggaangat ctactgatag gcangttacc atcactggaa      780
tctgntgcca gcatttagcc tggctcaata tctaatacaa tgtcaaggct tttnccttgg      840

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gaaaacgggt	tggcattggg	ggagcaactn	ggaacaatgc	agattcaatc	cattaatccc	900
ttttctgggtg	ttcaacaacc	aacccattga	atccatctgg	ggtaagtttt	cttgaaacaa	960
gtcanengaa	nttccn					976

<210> 4430  
<211> 765  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(765)  
<223> n = A,T,C or G

<400> 4430						
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gattcgaatt	cggcacgagg	tttttttttt	tttttttttc	agttccagtt	ccacttttctt	120
tttattttaa	taaccgaagc	aacagccgtg	gcacagcaga	gggaagctgg	gttggggcgt	180
gtganangtg	gcagcagtn	ggcctgatgg	ggggactang	tcacagtga	ctccccacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattgggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gtccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaagctggc	acctgtgcgg	cggataagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcaccgat	actgcttggt	ttgcccttcg	gcaccaccan	agcagaatat	ccaccctgaa	660
tnccaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431  
<211> 739  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(739)  
<223> n = A,T,C or G

<400> 4431						
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ggcacgagag	aaaaacaaca	gagagaaaaa	gaataacctga	gatatgtaga	agctttacga	120
gccc aaatcc	aggagaaaat	gcagctgtat	aatattactt	tacotccact	atgctgttgt	180
ggctctgatt	tttgggatgc	tcctcctgat	acctgtgcc	acaactgtat	tttctataaa	240
aaccacagag	catatactcg	ggcactacat	tcattcatca	attcctgtga	tgtccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aatttttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaatca	420
tccttgagag	agtattttaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgnnt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttggtga	ccatacggag	cctattatct	600
taaaatatga	tcagaccagt	aaggcttctc	ttactttgct	ctggctctgg	atcaggaaga	660
gctcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtttttga	720
gcctggacag	tnctgaaaa					739

<210> 4432  
<211> 1006

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1006)  
<223> n = A,T,C or G

<400> 4432

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gccaggtctt	ncgngccttt	ctctggcttc	cttggnntgc	ctgntggggg	aagggnagga	180
ggagattaag	gaaangnaag	atgttccacn	ntagantgat	gaggtctacc	ggtncraagac	240
catcncctaa	nacgagnatc	ccnancctnt	gcctnnncga	aatgtnanct	cctnncaactn	300
ggcnccnagt	tatnagcccc	tcngaannnt	gtnacagccg	gacgtcttan	tnctttctgc	360
tcaangatgc	tcnaacncan	ncttnnattn	ggttgncnga	nnntgcggga	tnnncngcncn	420
natatcnnc	attgnntnnc	cttaantggg	tcttntgncc	ccctttnaat	cccttccant	480
ttgaantcct	tntgtggntt	anaacgnntt	nnngaattaa	tancnncnt	ataccattan	540
antattggta	cacnccttgn	nttaccaaan	ttncaactgg	gacttttggt	natattaaaa	600
ggntatntnt	ttatnatnnc	ctccctattg	gggncnaaat	tcgtatttan	agccttaaaa	660
ctcncctctc	tattntatan	accnctnccn	ntattntant	ctncccaaan	tttatataac	720
gncnaancct	atcatntatt	tctngcgcac	tccnngatt	ttnnataanc	atntntcatn	780
gggttataaa	ncctnngntn	aantgtnnnt	ntctntncna	nnntntntnt	nntaattttc	840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	ccngtttcna	nancnntttt	900
tgnntcccat	ttanctcann	nggncttcnn	ttaancannc	ctgggggnnta	atntnnggga	960
nnnctatatt	ntntgatntt	taaatagtat	antngnataa	caannt		1006

<210> 4433  
<211> 474  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(474)  
<223> n = A,T,C or G

<400> 4433

nanccttaca	agctacttgt	tctttgtgca	ggatcccatc	gattcggaatt	cggcacgagg	60
aaangncnag	cantgangaa	tgtnttttgt	ntttggagcc	acattanata	ngnaancctc	120
atgactatat	ccantgtncn	ctcccancag	canatngang	ncatgcatgc	ctcttttctt	180
aactananan	anaacnntgg	gctcnngann	ctgngttaca	tccannngc	tttnatattg	240
cctcatggat	tcattggaaa	tacacgtgna	tacacaaant	cccanatnng	tcttgcattn	300
tattttngan	gcnngettct	ncaatannca	nnntctntn	ntnaaagatt	atttgangna	360
acctaaggte	cgtgagtctg	tnctntaact	tattgatgac	nnataagnnc	agcattttcn	420
ntcnactgt	cntnannnac	ctgntggnat	cagctcant	gtctnggtng	nacg	474

<210> 4434  
<211> 764  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G

&lt;400&gt; 4434

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cggggatggg	cctatgattg	ttcatgatga	gcatggagga	gtgtcggcag	gaactttctg	120
tgctctgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccaggt	180
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt	240
tctctacaaa	gtgatcctca	gccttggtgag	cacaaggcag	gaagagaatc	catccacctc	300
tctggacagt	aatgggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcttt	360
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttcctaaa	420
attaggcagg	aaaatcagtc	tagttctgtt	atctgttgat	ttcccatcac	ctgacagtaa	480
ctttcatgac	ataggattct	gccgccaaat	ttatatcatt	aacaatgtgt	gcctttttgc	540
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtattttcta	600
agaatggaat	tgtgggtattt	ttttctgtat	tgatttttaac	agaaaatttc	aatttataga	660
ggtttaggaat	tccaaactac	agaaaatgtt	tggtttttagt	gtcaaatttt	tagctgnatt	720
tgtagcaatt	atcagggtttg	ctagaaatat	aacttttaat	cagt		764

&lt;210&gt; 4435

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4435

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatecgc	cacttttttg	atcggcattt	agtcttttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgatac	180
caacatggta	gacttttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcaaacctg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatatatt	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggtcgcga	taatanttat	ttgcccc				747

&lt;210&gt; 4436

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4436

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatecgc	cacttttttg	atcggcattt	agtcttttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgatac	180
caacatggta	gacttttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcaaacctg	aaacagcttc	aggcagaaac	300

agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatat	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtctgg	tccagcaaca	gatagaaatg	ctttaagt	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggctgcga	taatanttat	ttgcccc				747

&lt;210&gt; 4437

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(741)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4437

gnttaatgcc	tttenattgc	ttggctctcg	atctttctgc	aggatcccat	cgattcggtc	60
ctacccaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taaataatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttctg	180
agtgaactga	tttattctga	ttcattatat	tccttttggg	agattttata	ccccttgggg	240
aaataataca	acaaaaacat	ctcttaaaaa	tgtctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaaggggt	360
actgtacttt	attcctgata	cattttgggt	tccatgtagg	tgttgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaagggag	480
aggctggcct	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
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gtagcancaa	gagaggaaac	gttgtgaatt	aagtattcaa	ttnaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnnccctnct	tgattanctt	cntaatcctt	nnnnatnnaa	720
ncnntcctna	annantttta	t				741

&lt;210&gt; 4438

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(804)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4438

ggttanttcn	tttcttttca	atccttggct	acttgttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncngggaggc	ctncgcggca	tctggnnncn	ttgnnatctg	nttngcngnt	120
ngagcgatnn	tcggctgttg	tggacacgcn	tttnangctt	ctgttggtga	tnntanntga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatacna	cttnacacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacnncctga	nttaangtgn	tggannngat	300
nngtnntttt	anngnntgg	nnaaactnnt	cntattcnnc	tgatgnnact	ttggatcnca	360
ctnctgaggg	anatcngtna	tggagcnanc	tngggcnggn	gnaaccnctt	nttttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcctc	tgnnttantn	480
acttccaccc	anagcatnat	angaccteng	acttanceng	ngtcennagcc	ttctganatn	540
nggnctggaa	gnctgntngg	ctnccttann	nnccctntt	gagnatnatg	atnnaacnec	600
gctttgggng	gttcccactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660

cntcttgcaa	tttgggaagg	aantccnttt	tntnngcgtt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantnttt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4439  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (785)  
 <223> n = A,T,C or G

<400> 4439						
gnnnnnnnntt	ccccttttcta	atcncttgga	nntcgctctn	tntgnangat	cccatngatt	60
cgaattcggc	acgagagaaa	cacaggtgtc	gtgaaaacta	cccctaaaag	ccaanatggg	120
aaaggaaaag	actcatatca	acattgtcgt	cattggacac	gtanattcng	gcaagtccac	180
cactactggc	catctgatct	ataaatnngg	tggnttcgac	aaaagaacca	ttgaaaaatt	240
tganaaggag	gctgctgaga	tgggaaaggg	ctccttcaag	tntgcctggg	tcttggataa	300
actgaaagct	gagcgtgaac	gtggtatcac	cattgatatc	tccttgtgga	aatttgagac	360
cagcaagtac	tatgtgacta	tcattgatgc	cccaggacac	agagacttta	tcaaaaacat	420
gattacaggg	acatctcagg	ctgactgtgc	tgncctgatt	gttgctgctg	gtgtnggtga	480
atttgaagct	ggtatctnca	agaatgggca	naccnnaaag	catgcncttn	tggcntacac	540
actgggtgtg	aaacaactaa	ttgtcggngt	taacaaaatg	gattcacttg	accaccctan	600
agggcngaag	agatattgan	gaaattgtta	aagggaagtca	gcacttncat	taagaaaatt	660
ggcctacaaa	tcnnnganac	aataancatt	tgtgccaat	tnnggggttg	gaatgggtga	720
ccaacattgc	ttggagccca	agtgnntaac	aatgccttng	gttnaaaggg	antggaaaag	780
ttacc						785

<210> 4440  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (789)  
 <223> n = A,T,C or G

<400> 4440						
ngatatcggt	cgctgagggg	ccaagtggga	ggcctngnna	ggtgtggagg	tggattccgc	60
tccgggcacc	gatctcgcca	agatccctnag	tgacatgcga	anccaatatg	aggncatggc	120
cgagcagaac	cggaaggatg	ctgaagcctg	gttcaccagc	cggactgaag	aattgaaccg	180
ggaggtcgct	ggccacacgg	agcagctnca	gatgagcang	tccgaggtta	ctgacctgcg	240
gngcaccctt	cagggtcttg	agattgagct	gcantcacag	ctgagcatga	aagctnccct	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggc	360
gctgatcagc	ggtatttgaa	gccccacttg	ggcgatgtgc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtgcgc	gctggagcan	gagantgcca	480
cctaccgcga	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggte	540
tctgaggcag	cagctctggg	gcttttgttt	tccttggagg	tgttttcttg	tagagggatg	600
ggaaggaang	gacccttacc	ccgggttttt	cttgactgca	ataaaaattat	tgggcaagga	660
aaaaaiaaaa	aaaaactcca	gccttanaac	tatannngnt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441  
<211> 1450  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1450)  
<223> n = A,T,C or G

<400> 4441  
ggnnnnnncnc nntttttncn cccccccct acattcgaaa aaaaccccc cnttttgggc 60  
ccaaaaaaa ncccccccc cnttttgcn aaaaaccccc cttttggcna aaaaaacccc 120  
cttttgggga aaaaaaancn ttncncnncn cnnccanacn gnnnnnnncan cccgannaan 180  
naggnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttn nnnnnncnna 240  
nnngnnnnan annnnncann aaannannna nnnncnnttn annnnnannc annnnncnnag 300  
nagngnnnnn ncannanaan nnnngnnnnn nanaancaac nanaannngn gngggnnnnn 360  
annnnnnng ngnggcacnn nnanacnaac anacnnnann nananannaa nacannnana 420  
cngnccnnan nannanannn gananannaa naccaannnn nnnancnnaa nncannnnnn 480  
ncnngaggnc cccccncnca ccanancaga aagaagacan ganannnnan ccagaangan 540  
cncanannac aaanacaacn anacnaanaa caaanaanac aacanaanna anggcnnaaa 600  
nnnnncaaac anaaannngc nanacnagga cganngcgac aaacnacncc nagacatana 660  
caacanacaa nacanacnaa canaanannc naacannaac cagaacaaga cncagnacga 720  
cngnancann ncncganacn cnaacaacaa ncngccaann ncanaancaa ananacncac 780  
anaacanana cnanagnnna aaaangaagc aaanacgana cnnanannng aagnanncac 840  
ncacanncna nagcacgcac anagnganan gacanganag annnaancca acaanngaac 900  
aaagacncgg nagnacacn nacnaagaa agcaacnaa ancncacna acancngnac 960  
acacacacn nngnganaaa canaccgna acaanacang ncaaacgnan acnaagcaca 1020  
nnncnnacaa gcgacnngng aaagacaacg acacancaga nnacgacgaa nngancaang 1080  
nanagacgaa acacgnaccn nggaaannca aagnaacang cacncacacn ngacnacaaa 1140  
canannncga cganacgnaa agaacngna cncgnanann ggnacacaaa cnaancacaa 1200  
cgaacgacan agacgcanc acgncacacn ngcccanga nanncgagca cncagncgac 1260  
gncgnananc acgccacaca ncnaacanta aannnggann nagacancng gnggagantc 1320  
gacannngga cacagaacac anacnncann ancaccnnnc ganacaacaa cnagcgnaca 1380  
cnacgaacac anacancaca ccaacacgna caacangnac aacnnagacc nacnaccnc 1440  
gacccaacn 1450

<210> 4442  
<211> 1450  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1450)  
<223> n = A,T,C or G

<400> 4442  
ggnnnnnncnc nntttttncn cccccccct acattcgaaa aaaaccccc cnttttgggc 60  
ccaaaaaaa ncccccccc cnttttgcn aaaaaccccc cttttggcna aaaaaacccc 120  
cttttgggga aaaaaaancn ttncncnncn cnnccanacn gnnnnnnncan cccgannaan 180  
naggnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttn nnnnnncnna 240  
nnngnnnnan annnnncann aaannannna nnnncnnttn annnnnannc annnnncnnag 300  
nagngnnnnn ncannanaan nnnngnnnnn nanaancaac nanaannngn gngggnnnnn 360  
annnnnnng ngnggcacnn nnanacnaac anacnnnann nananannaa nacannnana 420  
cngnccnnan nannanannn gananannaa naccaannnn nnnancnnaa nncannnnnn 480

ncnngaggnc	ccccncnca	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaannngc	nanacnagga	cgannngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagnacaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnanagnnna	aaaangaagc	aaanacgana	cnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagaacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nnngnanaaa	canaccgna	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnnng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannggann	nagacancng	gnggagantc	1320
gacanngnga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnacccnc	1440
gaccccaacn						1450

&lt;210&gt; 4443

&lt;211&gt; 775

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (775)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4443

ccttggnnag	nngccccctt	naaanccttt	gaaaaccctt	ggcaaangcc	ctnnncngnnn	60
gatcccatcg	attcgaattc	ggacgaggag	aggatcactt	gagcttagga	gttcaaattcc	120
agcctgagcc	aacataacaa	gactttgtct	ctaaacaaaa	cagttattgt	ttaaagaatc	180
tgaaatcttc	atctttaatt	caggtagcac	cgactcgagc	ccaagtttgt	ttgatatcca	240
gttccaagtc	tggagagagg	catctntatc	ttatttaaagt	atcgagagac	aaaatatcag	300
acagcaatga	ccaagagtca	gcaaattgtg	atgcaaaaagg	gctatcaaag	ggaggctttt	360
tacagagaac	taaggaagag	aaggagggtg	ttaaagagac	ttgagatcag	aaaaagatca	420
agaacaactt	gaatctcaaa	gtatgaattt	gaagtatttt	gctgagcaaa	catttgaatg	480
cctgtatgta	ccgtaatcct	ctatcactgg	ggtccccaac	cccgttacca	gcccgtggcc	540
tgctagggac	tgggcccgc	cagcaggagg	tgagcagngg	gtgggcaagc	cgaccattcc	600
cacctgagct	tncctctcct	gtcagatcag	cancagcggt	agattctcat	aggagtgcga	660
ccctattgta	aactgccatg	cnagggatct	aggttgacg	ctccttatga	ggaattgaat	720
gcctgatga	acttgncact	gncttccatc	acccccagaa	ngganctggc	taacc	775

&lt;210&gt; 4444

&lt;211&gt; 799

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (799)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4444

ntcnannngn	gtccttggcc	cttgctnttt	ntgcaggatc	ccatcgattc	gccaacgagt	60
accagctgat	tgactgtgcc	cagtacttcc	tggacaagat	cgacgtgatc	aagcaggctg	120



```

actatgtgcc gagcgatcag gacctgcttc gctgccgtgt cctgacttct ggaatctttg      180
agaccaagtt ccaggtggac aaagtcaact tccacatgtt tgacgtgggt ggccagcgcg      240
atgaacgccg caagtggatc cagtgtctca acgatgtgac tgccatcatc ttcgtggtgg      300
ccagcagcag ctacaacatg gtcattccggg aggacaacca gaccaaccgc ctgcaggagg      360
ctctgaacct cttcaagagc atctggaaca acagatggct gcgcaccatc tctgtgatcc      420
tgttcctcaa caagcaagat ctgctcgctg agaaagtctt tgctgggaaa tcgaagattg      480
aggactactt tccagaattt gctcgctaca ctactcctga ggatgctact cccgaacccc      540
ggagaggacc cagcgtgac cggggccaaa gtacttcatt tcgagaatga agtttcttga      600
nggatcaagc acttgccagt nggaaaatng ggccgtnact tactggttac cccttcattt      660
tnaacctnec cttgtnggga acaacttggg gaaacaattc cgnccgtngt gggtttcaaaa      720
cggaactggg cccnnggaca attnanttta agcgggcaat ggccaccctt ttgggtcaan      780
gtncnaagc ctggttttt                                     799

```

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

```

gaaaggggag ngnanntttt naanggcgtt ctaatgntgg agcacgannc tanaaagcgg      60
gttnggcacg aggctgnanc tgcccgtggg caccacgggn aactgtctt ccgggacctg      120
ngggcccaga nnggctgggt gacgggnctt cctaacagag tacgcggggc cccttttcat      180
ntacctgtct ttctacttcc gagtgccctt catctatggc cacaaatatg actctacngt      240
ccagtcggca tacagtgttg cacctgcctt gcatctgtca ctcattccac tacatnaagc      300
acccggaata nagcccgtcg cccagtcggg aaaaaaanaa aatnaanann atancctnna      360
tgnataanca aaacttgngc ctnttaaanc ttagtgagtc ngaattacnt naaatccaga      420
ccatgatnga gatccattg atgaagtng gnacaagccc ncancctaga aatgcnangg      480
aaaaaaaaat tgctttaatt ntgttgaaaa tnnngngaag gncatnngc ctttantntg      540
ntnacgcnat tattnaagcc tngntantta acccaangta tatccacca acaaaatggc      600
atancaattn tatanggttn nanngctntc agngngcggn aggttgctnt ganagngnt      660
nttcnnaatt nccnecggga nctgagngag ccccaaatac cntttggggg tccnngntc      720
acctcanacn ttnccgggata tannccntac gnaannanng gggctctaaan ttgggcncca      780
ccttgngngc gnnnaaantc tnnnngggnt cnaataannc ttnnttntc ntnnngngtt      840
naanaatntg nanatatacn cncgtataca tanacanntc tcnctgnccg      890

```

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

```

nnntgnnnn nnnntttnnn nngngcnttt tatagnngc tcttgttctt tttgcaggat      60
cccatcgatt cgcagcaggn ttgccnngtg gctgntatgg catctatann antttcaggg      120
ttnccntaac cnnnggnccc ntgcnnngan tgacngtggg natentgtng tggttaangan      180
cncaggacnc nttgnatntn ntggaaacaa atggnaacan anngtatect ctngggatac      240
tggtcnccca nntggnttaa cacaggtanc agctgctcan ntnaccta gggatccaga      300

```

```

ggcnnttgtc aaactagcta ttcattggcat gctgccaana aaccttcaca gaggaccaat 360
gatggaaagg ntgcattctt ttcagatnc tntattccag aanatntnct nangaatntn 420
cnagangagc ttntctcaanc ncgaaaaanta cctaaacgtn tanatgagtn acacacgaag 480
aaatggacgc cttcccaaga ttgtggactc cacctgacna ttatcggcta tangagagta 540
anacttgnac anaataacag tgaagtgatt gaaactttct tctgangagt ttctctacct 600
acaggatgga gttaaact gntacagntc acacctgttt tatgtgenga atcactgtgg 660
ggaaaggtag tgacgtgtan nncttcaata gganattgga ttgaaatntc actttattga 720
accattttta tgnatctga 740

```

<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

```

anggccanng nnttttttcc caaaaagngg ccccnctttt ttccnaaaaa cccctttttt 60
gccaaaaaan ncgccttttg gggccaaaan anntgccccg cnngnncnnn ggttttggnn 120
cncnnaaaan nnnnnncccc ncnnannnnn cncnnnnncn ncnnnnnnnn nnnnnnnnnn 180
cannanncn nnnnnnnnnn ngnnnnnnan acnnnnnnnc tttttnnnnc nnnnangnnn 240
gngggggnna annnnnnnnn cgngngngca nnnnnnnngn ggggnanann ncaanngann 300
ggncncenn nagacaacnn nnnnnnnana nnananaacna annncncnnn nnnnanaang 360
nnncncnnnn annannncna nnnncngnnc ccccccncgc nccngncnnn gnggcgcaan 420
acntnancn nnnngnannn antncgagan tgnncnaatn anngcncac annaagncca 480
naaccacaat ncnnnanaac tntnnnatn ngaanacanc caganccaa anaccnngnn 540
aacacnnaan nanaaccan cttnaagnna cgccagnngn annaccaan acncncaann 600
nccagnnna ccnaacacca cgcannncct naanacanac nananncaaa ncnatngncn 660
cacgagtng taacnncna accnacnaac acncagncgn ncanacncnc nannnnncatn 720
accnacacnn cnncgnaaan acngacnaac aaatcnaana agcncnnnna nttnnancag 780
nanatncnan cnnnacgacn tananantan ccacnnnana cacacacncg acgagncaac 840
aacnaccatn ncngcacgn accnncngtc tnnncacaan acactannca nccaccgna 900
aagaagaaac tanccaaann tnnacgancn acctctnnaa gnnccgcnag annacnannc 960
acgncccaan tnacaccna cncncnnaca cncnaacgtn ccannacata acnngaacca 1020
naccacngca ngaannnnac annncaagnn annacancan ancnnngaac nnnagcngcg 1080
ancanccnac gncgcaann gacanaagnt anagaagaac nacnaaacnn annncaaann 1140
naannaacc taccagann gttnacacna cacantncnn cnnacgagcc gcatnnnncn 1200
ananacgag gacancaacc c 1221

```

<210> 4448

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 4448

```

gnnntttcaa atagctagc tactngttct ttttgaggc atcccatcga ttctgtgtaa 60
tcgtgtggtg ataactctgt cctcctttta aagcgaattc tctactgaaa ggtctgctct 120
gcttaaggag ctacaaactg ctctcaaaag aatgaaatac tgagttccaa ttcagtgagg 180

```

cacagtgttg	gactatggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	240
ataatggatt	ttatacctta	gagcaaaatc	tattagtctc	tctcagttta	tcaattttaa	300
tggtcttagg	cttatagggg	gtgtaaactt	taagaatata	attctcccat	tcaagtttac	360
agcaaaccatc	tagccacctt	caaaacaaag	aatatacaga	ccatcattta	gcaatactaa	420
tacatgattt	tccttgggga	tggcaggttt	gagaatcctt	tagcaacagg	acatactttc	480
cctaaattan	cnnnggaatt	atTTTTTTac	ccgggggtta	aagcttttca	ggntnccaaa	540
ncttaaagggt	gggggttggtc	ttaaccaacc	taaaaaaaact	tnttcacctt	aaaattcttc	600
aaaaggaaga	aaaagtttct	ttggccaaaa	atTTTtggtta	aaagtttcca	ccaaaanggt	660
ggcaaaaacc	atTTTTTccc	ctttcctttt	aanggccntt	ttnaatcctt	aaagggaaaa	720
ggggccttnt	ttgaaaaaac	ttggggggccc	ccaatctggg	tanttaccaa	gggccttcca	780
aaaattttac	ccgttttttt	tnaaaanggg	aaaggaaaat	cttnttgncc	aacctttnaa	840
gggcntttat	ttggccaggg	gaaaaatacc	cttcnatttt	ngggnantgg	ttaaaaaaan	900
ttttatttgg						910

&lt;210&gt; 4449

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (783)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4449

gnnttttnnan	nncngntttt	ctaatnctnt	tcaaatnctt	tgnnanegt	ctntatgcan	60
gacccatcga	ttcggaatc	tcttagaaaa	gttgtgattt	tcgagccata	tccttctgtg	120
gtagatccta	atgatcctca	natgttggcc	ttcaacccca	ggaaaaagaa	ctatgatcga	180
gtaatgaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg	240
gaaatcaaga	agcaaatgga	taaacaggac	ccccttgctc	atcccttact	gcaatgggtt	300
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg	360
catactccac	atcagttcct	tcttctcagc	agtccaccag	ccaaagaatc	caatttttaga	420
gctgctaaaa	aactccttgg	aagcaccttt	gcattttcatg	gctcacacat	tgaaaactgg	480
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggt	540
gcaatgtatg	gaagtggaat	ctatcttagt	ccaatgtcaa	gcataatcatt	tggtactcag	600
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaaagca	660
gcaatacat	cacagtcaen	ggaaaaaagg	acagcaatcc	caattcctgc	caaagccgta	720
acttaaaatg	catagnctt	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat	780
ggc						783

&lt;210&gt; 4450

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4450

gntnngnnnc	cnttntnagg	gggtntaatg	cngctctgtt	cttttgcagg	atccctcgat	60
tcgaattcgg	cacgaggaat	acctcaaacg	tctaccatta	cngtggggta	ganttttagcc	120
cacntntgcc	tttncancnt	anggggtntt	cnaagaaga	antactttga	ttctgaactt	180
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	240
acacaaaaat	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	300

tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaatg	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaattttaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	taaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggngctat	agggagaact	gaggggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgca	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattn				746

&lt;210&gt; 4451

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4451

gaccnatcgg	ttngngagac	ngcctnccnn	tcnnnncngcn	tctgnnggnt	gntnttttga	60
cacggtctcn	ngtgaaagta	cncacncaact	cacacgnnaa	tgggcattgc	accccaactcc	120
tgctcaaagn	gctgnacgcn	gtcatgngta	gaattnctgt	acgcctgnnc	tctgncccnt	180
annngngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaacn	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacat	gcactcatgn	420
gncnnggcnn	accacnctn	gnctgtttcc	tacctaaagt	ataccatggg	atgnacactt	480
acngtaattn	tgcaaagtng	gcaaanatnt	tctcanancg	gagcctaacn	gnctaaatna	540
aaggtnnttc	atnnccaggg	ncttggtta	atnggcnaaa	tntggcnaac	aagngggtga	600
ctcactttaa	aagggtgnaat	aagattttcc	ncatttnttn	aaaaggaacc	tggnngaaaa	660
agntaagggc	caaanccctt	aagncnctt	ncnggnaang	gtttggccaa	atccgggggt	720
gngggggncc	aanaatgntt	ttcaggagga	tngggnaaac	tttttttct		769

&lt;210&gt; 4452

&lt;211&gt; 1366

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1366)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4452

ananaaanann	annnnnnnaa	ggnaaanana	nnnnnannnn	naanangnaa	ananaaanann	60
tnnanaaan	aagngnttc	nanncttttc	aaagcttgga	aaacgcann	aannnnnggg	120
aaagcaagaa	agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga	180
aggaatanann	gnggncaata	nnnnannnn	ngaaantatc	atganacnca	aatganggan	240
aaggcagcac	aagctgngca	aacagctatn	gngacggggg	ggccgggaga	gnctaaangn	300
cananatnca	atatataagg	actgcatgcn	aagggatacn	aaacaagnan	actnntctag	360
gaagaaataa	ntnttgacnt	ancnnacntt	cataacgaat	agcaccgtag	atcgagncaa	420
ccaactaana	ggnctaagga	aatggcaaan	nacnttaatn	nttgagcnaa	ggaagggngt	480
atngnccnan	anngaaatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan	540
ncntnanccc	acgcaactca	aaaanattac	attanntaaa	aaaganctat	ancaaaaacta	600
gtnttcaaaa	tngnacgagn	aaatgggnaa	nantttntnn	ccgggaaaat	tggnagagat	660

ccanaaacac	tggntnaggg	naatanatgn	ccgcccnaaa	aaaccntnac	cataggnatn	720
ggctancata	gangagatat	ancnatnagg	ggatcaanan	cntaggnatt	ngaaaantaa	780
ncgagttaaa	acancnagat	nnggnantac	gaganatagc	ttggacgngt	atcaaetcgg	840
accctnggat	gggcntangg	aaaaanaaaa	aggntngagn	gaanttcctc	anaggaanng	900
tganagagcn	aaanaaanatn	aagggccttg	gngaaaangg	aaaaacagat	agngtcatnc	960
nataatnncn	natgananan	tggggnaatn	taatctacnn	tanatnnggg	ggaaaaaaat	1020
cnnncatgac	nnnaaaanga	gntaatgnna	nnatgagaga	ttaaacnnat	aaaacnagag	1080
aantttgngn	aaanctgnga	gataaaaaat	aaataaatte	tntntggaac	atntanaccn	1140
tctatnnaaa	aaaaagaggg	gaaaccatct	ngattatgca	cananaaatn	tnacntngng	1200
gaaataaatn	gggnacaata	acatatatgn	ggatgtacan	tnntggncng	aaaaactata	1260
caacntgaga	nnnnacnang	atataaagcn	nnaggnagtn	tatangggca	tcatcaangg	1320
gaagntataa	agcaactgna	nnctcatata	naaaactgnn	cnncaa		1366

&lt;210&gt; 4453

&lt;211&gt; 852

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(852)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4453

tgatcctcag	gcnnctggga	tgacacgtna	ancatagaag	ctggaggagg	nggncncg	60
cttgntcata	atttaaaaaa	attaaaaana	cgcaacagcc	gctttttctta	atccatatcc	120
cttttaanac	acagaggcng	gtaatnagtg	naatagaaga	atgntnttgt	ntcttcctac	180
ggtgacngtt	nttattnac	nggnttcctt	agcaggactg	ttctactcaa	cctctgtgga	240
anaaaaactnt	ccncagggct	gnctaacaca	nncagccttt	gctttttacan	cctgctcttg	300
cctattacca	taccactgta	tgtnttcctc	cacctntgga	cnnggatggg	tattaaactc	360
ttnaggcatn	antgatgcaa	ctanagtcaa	tatgctgtnt	ntattaatga	gagctcttgg	420
gcatccatnt	cntgaaagct	caantggatn	gaattnagnt	ngcggganag	aggctttntc	480
ttgctcatat	nacgctnatg	gactggggna	ggctnaaatt	gcaaagtctg	cttttaattg	540
cnctcttgga	tcnaccatg	aaaaattgga	aggctcttga	cnaataactg	gtggngtcan	600
aaananaaca	tttttgacnc	nggtcatgnt	ntggagaatg	aacatcccta	aatcnaccat	660
gtggaagacc	natttcataa	atncattcnt	ntaanaaaaa	attggnaaat	cttntttttg	720
ctttggtnng	aacaactttt	aangggcttt	tnggcaaagt	caccatgggt	aangggatgg	780
acttgnaatt	aaattncccn	aaggaattna	anggttgggg	aaataatncc	cctnttaaag	840
ggaaaaaaaa	ng					852

&lt;210&gt; 4454

&lt;211&gt; 799

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(799)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4454

tggtttttnn	ngnggggggg	ttttctaatt	gcagtcaann	tngntgtcct	anncccgn	60
ccncnggncg	cccnaacttg	gaggtggccc	gcttccagac	catggaggag	aagaaagcat	120
tcattntnac	cactgaagaa	agaccgaatt	gcaaaggaag	aaggagctta	atgccaggaa	180
cagattttgc	agttggtggg	gtctcaataa	aagtttgttt	cagtggaaaa	taacttttat	240
tgagacaaaa	aaaaaaaaaa	aaaactcgag	cctctagaac	tatagtgagt	cgtattacgt	300

```

agatccagac atgataagat acattgatga gtttggacaa acnacancn gaatgcagng 360
aaaaaaatgc tttatnngtg aaatttgtga tgctattgct ttattngtaa ccattataag 420
ctgnaatana caagttanca ncaacaatng cattnatttt atgtttcagg ttcannggga 480
gggtgtgggag gtttttttaa ttncgggccg cgggtgccaat tgcattgggc ccggtcccca 540
cmttttgunc cccttttagtg anggtcaatt ncgcgcttgg ccttatcntg ggtcatagct 600
gtttcctgtg tnanatnnaa tgnenttnca cttttcnnac aattnaagtn gcnnnagaaa 660
tccancactg ncaanttggg ggcanncacn gcttgntaaa tnnnggtattt tcnaggagc 720
ttttaantan ntnggntcaa nggnacaagc nannttagct ccatnggctt ngacctcct 780
tannaaccaa aatgnttnn 799

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&lt;210&gt; 4455

&lt;211&gt; 793

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(793)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4455

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gnannngccn cgnttttgat tccccctntt caaatccctt gnaaatcgcc ctncctgttt 60
tgatcccatc cgattcgaat tcggcacgag atggcagttg cttttgaagt atatgatggn 120
ttcctccact acaaaaaggg gatctaccac cacactggtc taagagacct tttcaacccc 180
tttgagctga ctaatcatgc tgttctgctt gtgggctatc ngcactgact cagcctctgg 240
gatggattac tggattgtta aaaacagctg gggcaccggc tggggtgaga atggctactt 300
ccgatccgc agaggaactg atgagtgtgc aattgagagc atagcagtgg cagccacacc 360
aattcctaaa ttgtagggtg tgccttccag tatttcataa tgatctgcat cagttgtaaa 420
ggggaattgg tatattcaca gactgtagac tttcagcagc aatctcagaa gcttacaaat 480
agatttccat gaagatattt gtcttcagaa ttaaaactgc ccttaatttt aatatacctt 540
tcaatcgcc actggccatt tttttctaag tattcaatta agtgggaatt ttctggaaga 600
tggtcagcta tgaaagtaat agagtnttgc ttaatcattn ggaattcaaa catgctatat 660
tttttttaaa aatcaatgtg aaaacataga cttattttta aattgntacc aattacaata 720
aaaataatgg gcaattaatt tttnaaaact ttttaaaata gnatgctcat atttttaaaa 780
ataaaanttt tnc 793

```

&lt;210&gt; 4456

&lt;211&gt; 1095

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1095)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4456

```

cgnnnatTTTT nccgcccctc ctgggaaaat cnccttgncn ngtgaaaaaa cncntgggtg 60
aaaaacccct tttggcaaatt tttcgttgna aaaannntnc ccccgannnn gnnntttnnn 120
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnntttt ttttcnncc cctttttttt 180
tttcngnnnnn nnnnnnnnttn nnnnnnnnnnn nnnngnggggn nnnnnnnnnnn nnggggggggn 240
annnnnnnnnt nngnnngnnn nnnnnnnnnnn nnnnnnnann cnnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaannnn nnnnnnnann nnnnnnnnnn 360
nnnnnnnnngg ggggcggggg gnnccgnnna cgacngnana nnagnnacna cngaananan 420
nagnannannn nnnnnanaaa annnnnanag nnaaanacgna gnaanaanaa gnnnnanaaa 480
ngannacggn nnacanannn cnnanaaann nacaacnann acaanatana nannncnag 540

```

annaananac	ncnagaanaa	aannaagaan	nnaagcnngn	nncgnaanan	ccctaacnca	600
nanngaaagn	acngananan	nnccgagann	aanagnnaag	aaagnaacan	agnngnnaga	660
ngagaaagac	nannagaacn	anaanganan	angcannnnng	cncncnctna	naaananana	720
nnatananga	tnnaancggn	ganagnaann	acnagnncga	cgcgnnngan	anngaacgga	780
nntcgnnnnan	gggnnnnaanc	acnncncnaa	caagnanang	cgagagtcaa	nanncanann	840
nanancngaa	nannannnag	nngnaanana	nanacanacn	anaanangnn	nanagacaga	900
ngcangannn	ngcgcnanna	gnagnagagn	nnatnangnn	tananaagnc	ananacgaca	960
nnanaacgtn	acgccgnncn	ananangaga	nnnnganaan	acgngagaga	gnagaanagn	1020
acanaganan	agcnacggnn	gacagcanaa	acgannncan	aagcggnaaa	tanngangcn	1080
agnngnnnga	cagcc					1095

&lt;210&gt; 4457

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(744)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4457

tttnttcctt	cctctaatacc	ttttanccgc	tttctgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	tcctccaaga	gtttggggcg	cggacnnnag	taccttgcg	gcagttatgt	120
cggcgntgt	agtgtntgtc	atttcgcgg	tcttacaaca	gtacttgagc	tccactccgc	180
agcgtctgaa	gttgctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	240
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	300
cttggtgtggn	tgagtttnat	cctagcgggt	tgcctgataa	tacngatcaa	cccacngaac	360
aaagcngatt	tccaaggcct	ctgcccagag	cnagcctttg	ntgannttct	ctttgccagc	420
accatcctgc	accttgttgt	natnancnta	ggtgnetgaa	tcattctcan	ttncntaatt	480
gangagtang	anactaaaag	aatgttgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtnacaac	aactntctaa	cnaacattca	660
ttaatccann	ngannccctt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aat				744

&lt;210&gt; 4458

&lt;211&gt; 809

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(809)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatatata	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatatata	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540

ttgatggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	ttaattactc	ttgggggttg	ggggcatggc	tggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	atagggtata	tattatactt	naataataac	720
tatggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	780
ttttttccaa	aagtactnta	aaacanncn				809

&lt;210&gt; 4459

&lt;211&gt; 840

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (840)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4459

agggccagtt	tgatcattcc	aaagatggtt	ggttaggccc	cggccctatg	ccagctgtca	60
caaagcggca	aatggacact	caagaaccaa	gatgatatca	acctccatca	agacagctcg	120
gaaaagtaaa	agggcatcag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
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aaacagaaga	aaaagaccct	tatcccattg	ctctgtgtct	ggtaggtata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataat	tcaaaaatga	ttcaagaaat	gctgtcaaag	420
atagcaaaaag	aacagagtcc	tcagagaaca	gtgccccagg	caggataagc	actcaataac	480
atataacact	gggtaatgct	tggttgagtgc	tggttggttg	ttgagtgcta	ncatttggtg	540
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ttgaagtgcc	tnncttggtt	gggttgagtgc	ttgttggttg	aaatgcctac	ctgggttggtt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgtttnatg	cntnctngtt	gttgaatngc	720
tttgtngttt	aaagctaact	tggttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccccttt	gatgtnccat	ttnttccatt	taactttccc	caattnccct	ntttgggnnc	840

&lt;210&gt; 4460

&lt;211&gt; 980

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (980)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4460

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aagccnaatt	gaattgtggg	aacaggaaca	ttcaaaggca	tttatggtga	atgggcagaa	120
attcatggag	tatgtggcag	aacaatggga	gatgcacgca	ttggagaaag	agagagccaa	180
gcaggaaaaga	caactgaaga	acagccaggc	tggtcttgaa	ttcctgacct	caggtgatcc	240
acctgcttcg	gccttccaaa	gtgctangat	tacaggtgtg	agccaccacg	cctggctaatt	300
tttgnatttt	tagtntaaat	gggggttntt	ncaaagcttg	gnctttgaan	ttncccaanc	360
ttcangngng	aatncccncc	ncccttttgg	gcttccccc	aaatggcttg	nggantttcc	420
annggccttt	taagcccaac	cnttngcccc	cnggnccctg	aatngntttt	ttttgaaatg	480
gaattttttt	taaaaaaatg	ggggtttttt	cnaggccatt	tttaaaaaaa	ccnttttana	540
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aaanggtttg	ggtccttttg	gagaatnaag	aatttggaag	aaatggacca	ggtttngttt	720
ggattttttt	tgaagggtta	attttaccct	caaaatttaa	aattattatg	gtattgtggt	780



accnttttgaa	aaaaaaaaaaca	tnttntannn	cttntntnct	ctaanncctn	cttntnntat	840
aaaaaaacct	ncnnngggcc	cttttaaaaa	ccttttttgn	ggggnggtcc	ctttttttac	900
cngntanaat	nncccaacc	ttngatttan	ggnnanncct	tttgnttgaa	atttttgnnc	960
aaaaccccc	aatcttttgn					980

<210> 4461  
<211> 761  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(761)  
<223> n = A,T,C or G

<400> 4461	
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aaannggctg	gncgaattcg
accaaanaac	tttactgttt
tattccacag	aaagtggtaa
aatggattcc	tataatggga
aaaaagtttt	ctaggattgt
ttttaaaaaa	tttttaagaa
tggtaatgtc	cagtttttaa
gattggttct	cacatatact
taagatttat	taatctcagt
ttaatgatgg	ataaacttgt
cactgggtgc	aatgtcta
taattttant	catangaacc
	attgacccat
	tgttcattga
	c

<210> 4462  
<211> 753  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(753)  
<223> n = A,T,C or G

<400> 4462	
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aggatcccat	cgattcgaat
tcagacatct	tctggctctc
aatgaatgga	gctgatgata
cttgtgcttc	aaataagcag
ggttatgaga	gtctgcctct
tctatttagt	ttgacaaaac
tagcaatgcc	aaacttcatt
ttcagtatag	actctcat
gcagtggggg	aatgcaaaag
aatattttat	attgacttaa
atatcctgga	agacagtaaa
naatttcatt	ataggaattt

<210> 4463

<211> 913  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(913)  
<223> n = A,T,C or G

<400> 4463  
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cgaattcggc acgaggccat gggccgcgcg cccgcccgtt gttaccggta ttgtaagaac 120  
aagccgtacc caaagtctcg cttctgccga ggtgtccctg atgccaaagat tcgcattttt 180  
gacctggggc ggaaaaaggc aaaagtggat gagtttccgc tttgtggcca catggtgtca 240  
gatgaatatg agcagctgtc ctctgaagcc ctggaggctg cccgaatttg tgccaataag 300  
tacatggtaa aaagttgttg caaagatggc ttccatatac ggggtgcggc ccaccccttc 360  
cacgtcatcc gcatcaacaa gatgttgtcc tgtgctgggg ctgacaggct ccaaacaggc 420  
atgcgaggtg cctttggaaa gccccagggc actgtggcca gggttcacat tggccaagtt 480  
atcatgtcca tccgcaccaa gctgnataac aaggancatg ttattgatgc cctgnnnnag 540  
ggccnanacc nagtttntctg gccttnttan cntanngatn ttngaganaa gtntcatttt 600  
aactttntctn tgctatatn ncaanggttt tanntttngt ngantgaaaa agcgggcttc 660  
atcccaagat ggnctgtggn ggtcanagtt ncattcccna gtngtnnncc cttntggana 720  
anttggtctg ccccttgcac tcattgaagg ccttcncaat tgggtgctna nccccctttt 780  
taatttcttt aatcnaatnn actttattac ctttncctgg ctctaancct aatnntctca 840  
tctncatctn taatntctna cactaccnan nttttnttca ntattccent cnaacctnat 900  
caaacttttt ncg 913

<210> 4464  
<211> 1274  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1274)  
<223> n = A,T,C or G

<400> 4464  
tttttngggg gggttttttt nnnnnnnnnn ggggggnnttn nnggggggcn gnttttttnc 60  
ttaaaanagn ngactggnnn ngctgaaaaa ctccggccctt gggggannnn gneccccenc 120  
gaaaaacanc agggaaaaaa angggggggg ctgggggggg gggnnnnnnn nnnnnnnnnn 180  
nnnnnnnnnn nnnnnnnnnn nnggnnnnnn nnggnnnggn nnannnggnn nnnnnnnnnn 240  
nnnnnnnnnn nnnnnnnngg nnnnnnnnnn nnnnnnnnnn nnnnnnangn ggnnnnnnng 300  
nnnnnngnnn nnnnnnnnnn gnnnnnnngg nnnnnnnnnn nnnnnnnnan cnnnnnnnnn 360  
gngnnnnnnn nnnnnnnnnn nnnnnnnnnn nngnnnnnnn nnnnnnnnnn cnnnnnnnnn 420  
nnnnnnnnnn canaagggnn nnanncnnn nnnnngnnnn nnnnnnnngc nnnnnnnann 480  
ngnnnnnnnn nnnngnaaga angnnncnna cgagnnnnnn gannnacgan nnnngnnaan 540  
cnnnnncnag ngccgnatna gancacgaat nggngagagg ancngannan gnnngnnnnn 600  
ggnaangnn ncnnaanga annngnacca gnnnggannn cnnnanngga ngncnnnagn 660  
nnnngnnggg nnncnnaac ncnnggggnn nannanngna nannngggnn tnnngggnnn 720  
nnnnnnnnnn nnnnnnaann nnnnnnnnnn nnnnnnnnnn cnnngggnnn gggnnanann 780  
nnnnnnnnnn nnnnnnnann nnnnnnnnnn nnnannanng nncannnnnn gnnnnnnn 840  
nnnnnnnnag gnnnnnnnnn nannnnnnnn ngnnnnnnna nnnnnnnnnn nnannnggnn 900  
gnnananann nnnnnnnnnn nnnnnnnana nggggggnnn nnnnnnnnnn nnnnnnnnnn 960  
nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nannnnnnnn ntncnnnnna ncnnnnggnn 1020  
ngnnacaann ncnncnngnn ggncnngna ngnnncncaa nannnnntnn gnnnnnnnnn 1080

tngnngncaa	ananggggnan	annnantnnn	nnatgggngg	gggacnnaan	tnccnccct	1140
nattcaanna	ntggnggaaa	aaactggngg	nnnaanantn	aaaccccaga	nnggcnnaaa	1200
ntcattcctt	accaaaagg	ttangacctg	gnaancctng	tgggcnanaa	aggtnctnaa	1260
acattcnttt	nanc					1274

<210> 4465  
 <211> 1039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1039)  
 <223> n = A,T,C or G

<400> 4465						
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attgggcctt	tttggggcaa	aaanttttng	ccctncttcn	tnctttggnn	tnntgnnnat	120
nccccnatt	cggnattttt	nccggaaaaa	ttccggggcc	naccgggagg	gggnattagg	180
cccttttnaa	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaaggggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggtntaaac	tgggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcaccc	tcgatttata	ttgcaagngt	ntcaaangtg	tcactggnac	480
acaaatagaa	acactgccaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catecttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgcagcat	720
tnttacatnt	tgtgctttgn	tangaaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaaang	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnttttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttngtctagn	aaaccntnc					1039

<210> 4466  
 <211> 931  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(931)  
 <223> n = A,T,C or G

<400> 4466						
ggaagcgggg	gggtacgttt	tncaaaagg	ntttcaatng	cnggtgaacg	cccctaaana	60
nnnanccatc	ganacnaatt	cggcacnaag	ggcttccggn	taaaccantc	angggatatnc	120
cnatgnntaa	gncatcctng	gncngnntat	aacnggnccc	attcanctgt	nanatananc	180
ttcnanantt	ntcnacanng	gnnnanattt	tnnttctgca	atnnnanagn	naacctnttt	240
nnnnnnnnnt	aangaggcag	nnagctacct	ttgaangaac	tacttgnaaa	cntnntnttg	300
naattcaang	nnaancntc	ttntntctna	ntnnttant	gttgcnnnnn	netcaantcg	360
tatnnncatg	ngggctccca	tcacntnntt	acttataant	antngnttan	aaannntngn	420
cctantatag	gggnatncnt	nttnnnnann	nnntccntn	caaatcccaa	tctngnaang	480
aattnnccnt	ttctgnaatn	caattattna	angannaatn	gntnnnctan	tncattnann	540
nnctantant	ttcncnnenn	nnenttgnaa	ttcncnttat	accantaata	tngtactnt	600

taatnaggat	tnanagtacc	cannttgent	ttnttncaca	antntaanch	ntgcattatn	660
taaaatcann	naagncgana	aattntnntc	naaccccnng	cnncaaanta	ccnattttcta	720
atanngacnt	annngnnnnn	annnccctaa	nannatatac	nanatntntt	nccnnacant	780
ccnagagtag	aantcccctt	nttcacacnn	ntctctanta	cncntnaatt	ttcnnatcan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaantt	ctancnaann	tanattanch	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

&lt;210&gt; 4467

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(804)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4467

cnaatncttg	gctactcgct	ctnttgccgg	atccnttttg	acgcntttgn	acgnccgtat	60
ncttcaacca	atgtctagtg	cacntatcct	ntntaacnca	naattctcaa	accagnttt	120
acaacattgg	gtaggatnct	ataaagngct	aatcntattc	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcncccccg	aagntgcntt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtcctt	catgctacct	tctatgctta	300
cactcnancc	aaacctaach	ctgccaaccn	ctnntctocn	atcaggatca	ttncntcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggg	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattach	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nanntntnac	540
caccatgnat	cngaccgat	gaaannnggt	nataatntgag	agtngtgtac	aggatttnat	600
gtgnaaattc	gnatnnattc	ancgatgaga	nataatgcac	tgtnntcccn	ggtcntaacn	660
gccctgggat	naaanatgcc	ttgggaaaaa	tggtatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaac	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaanac	780
cngggncncc	tgganantaa	ttcc				804

&lt;210&gt; 4468

&lt;211&gt; 1116

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1116)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4468

tantactnan	ctnanccntn	tggcntnagt	ccgtccncta	tgcgntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttgga	gctggcggta	aaancaaaaa	ggcccgaacc	gatcggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcnggcg	ccaattaaac	240
cccgccgggg	gtggtgggtg	ggtaacccc	gccaaccggt	ggaanccggt	ttacaacntt	300
gggccaagcg	gcccccttaa	accggccccc	ggctttccct	tttcgggent	ttttcntttt	360
cccccttttc	centttttct	ttcgccccca	accggttttc	ggcccccggg	gcnttttttt	420
cccccccggg	tcnnaaaggc	ccttcnttna	aaaaattccg	gggggggggc	cctttccccc	480
nttttttaaa	ggggggggtt	ncccccgaaa	tttttnaaaa	ttgggccttt	ttttnaacgg	540
gggggnaanc	cccttttggn	aaancccccc	ccaaaaaaaa	aaaaaacttt	ttgggaaatt	600
taaagggggg	gtnggaaatn	gggggttttc	caaacggggt	naaantnggg	ggggnccccc	660
atttcggggc	cccccttggn	aataaagnaa	accggggggt	tttttttttc	ggnccccccn	720

```

tttttgggaa ccggttttng gggaagggtc cccaaccggg ttttcctttt ttaaaaataa      780
aggnggggga acttcctttt gggtttnccc naaaaacctn ggggaaaacn aaaacaacct      840
tttaaaaacc cccttaattn tttcnggggn cctnaatttn cnttttttgg gaattttnaa      900
tnaaangggg gaattttttt ggccccgaan ttttcggggn cccttaattn ggggnttaaa      960
aaaaaaaaatg gaaagcctgg aanttttnaa accaaaaaaa aattttttaa ccgccgnaaa     1020
ntttttnaac cnaaaaaata nttttaaacg gccttttnaac naaaatttttn cccttggaag     1080
ggccnggggg gnaaaaaaaa aatttttttt tttttt                                     1116

```

&lt;210&gt; 4469

&lt;211&gt; 766

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (766)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4469

```

aatncnagct ctgntcttt ttgcggatcc catcgattcg ctagttcgag tttttttttt      60
tttttttttt catgaaaata tagtcatcaa atttattttc attgggatgc cattttttga     120
agaattccta agactaatgt ttcttgacat gcaagagtta gcattaatag cttacgttac     180
tataaatact gctgcttggg agcagtacaa ctgtttttaga gttttaagac tacagacttt     240
cattactcaa atcttattca gtaaatgtaa aaatcagaag gttctgaaca gctggttagg     300
aaggtagcca agatgcagga aagatgtctg cgcctccttt tcaagggcag ccaactnttg     360
aacagtaggt gccccaaaata tccacatggc ctttatagct ttcaccacca gcagcccttt     420
tntgaccgta ggtaactttc ccatcaaatt catccactgg tacctttata tccggnnaa     480
cctgagaaat ggtncagttc agngttctt ctatctcaga tagtaactgc atctcgttgt     540
accatatggt caagcctcat ctcccttgag tcttggggta taacaccctt tccacggnt     600
gctacataca tggnaacnaa ccataaggaa caccnggat atcaattcct ntagcagntc     660
atctgngcaa atcaagaatc tttacatctc cttcttaaan cttttccaag tttgcctttc     720
tctcatgggc cattggaat ttctcaaat aatgaccagg ttttct                                     766

```

&lt;210&gt; 4470

&lt;211&gt; 926

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (926)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4470

```

annnnnnnnn annnnnngnn ggngnnnnna nnnnnnnnng aannnnnnnn nnnnnnnann      60
annnangggg gnnnaacnnn nnnnannnnn nnnnagnttg aattcctaaa gccaaaccnc     120
nnntttggca ggaagcannc agncengggg tccgcaacgc nggnaagngg acagnnngga     180
aaanaaatnt ttngcagaca aggatgtcaa gggngngngc gggngnataa cacncggcaa     240
gtgggacagc nttgaacaan aacnagnagn cgnenggaac ngcctaaccg gagccnanng     300
ctcgaanaag gaaataagga agccacangg nangcagacc tactganac atgaaccag      360
cgcanaggtg gcggancngc ncnaaangac nagagaggca nagngaaaaa annnatnaat     420
gccngncnng agaataana acagcgctac aacaggcatg nggatatggg aaacaacnan     480
tggggacnag anacnnaggg aangnacggg annaaaaaag ggggggantt naanncnccg     540
anggagggng cgagnacnca ntggaaagaa agggaaagaca ntncacggaa ancnganctg     600
acaaangatg aatangnggc cacagggagg aagggaactg gcctgagagg gaanaaancg     660
gnacnnaang aanggaaccc agggccaagg gcaccaanaa gaaaaaancc ccngaaaaaa     720

```

aganggggna ntatgngcct ggggggggna aaagcccacc aanttaaagg canaaaaagg	780
gggggnaaaa acnctggnt nncaancaan aagggggggc ccnccgggg gggggnnccc	840
ncgaaaanaa aaacnggggg ggggnttnan gngggnggga nncncacccn nccnngaaa	900
aaggggggca aaaaaaaac ccccc	926

<210> 4471  
 <211> 924  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(924)  
 <223> n = A,T,C or G

<400> 4471	
acaccttggg tgcnngcacc gcatnanaac ccantcccac cacannnecan gagcnngtng	60
nnncntnttg gagngggcnn agngatgncc cgaatccgtg ggctactagg gagccctcac	120
ttgggctacn ggggtggaggc ccatgatatt gnggcctcaa agatgttatg attcacctcc	180
atcaannccc ngaantgaat aattcttcct atcanttaat nanggtgatt acccagnaga	240
atgccattnc ggtntgcntt ggtatttnac aaaaagaanc tgggggaacc acttgggtgt	300
gacattttat gggttnaaaa taatgatctg gnaaattgcc cggatccnc catgggggaa	360
tgatagatcg acaaggtcta cttcatgggt ggagatatga ttaaangaag ncnatggcca	420
ttgnggttng gaaataatcc ananggantt ncanccaatt actgnaaaaa aanttnnttg	480
gaagngnca cccctaaaaa tctntcccag ttnttagagn ataccntta cttccttaaa	540
naagggattt gttgaaanng ncanttttnc aaatntaatn ccaaacanag gncnaccctt	600
aatnacntn gccaaagnag cnggttttgn ngatttttcc caaaagggag naanattcct	660
ttcngnntt tggcgaaact gtagnanaat tcccnnttt gnggtgggag gnnnttagcc	720
cnnttctaaa aaaanggang ngaacccct tgtgntttcn tattccagag cccgctntc	780
ctengtaaan aananaaata aangnccant tnttttatnn anagaaattg ggncccaatc	840
ttanggaacn tttttgtggg aancttatna ttcennaca tacacaaaaa aaacancctc	900
nccgcccct ttnnnaactt tncg	924

<210> 4472  
 <211> 902  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(902)  
 <223> n = A,T,C or G

<400> 4472	
ttcagaagaa cgcacagatg aaatgacaca taaagaaaca aatgagcang aagaaagatt	60
gctcgcccag cttcttcact aaatcatccc gcagcagcag ggactcggc tagcaaggcc	120
atcttgttgc cggaccttcc tgaaccaaac aatgagcctt tattttctcc agcgtcagaa	180
gttccaagga aagcaaaagc ttaaaaaata gaggttcctg cncagctgaa agaattagtt	240
tggatttat cttctcagtt tgtcatctca cctcctgctt taaggagcag acaaaaaaac	300
acatncaata agaacaagct tgaagatgaa ctgaaagatg atgcacaatc agtagaaact	360
ctgggaaagc caaaagcgaa acgaatcagg acgtcaaaaa caaaacaagc aagcnaaaac	420
acagaaaaag aaagtgttg gtcacctnct cccatagaaa ttgggtgat tcccccttg	480
gctagcccag cttgacggag tcaaagagca aaccagaaa aactacngaa gtgacaggga	540
acaggtcttt ggganggacc agaaagaaac tgtntttctt ttnccaaagc anaattttac	600
gccaanaaaa aatgcttggt antttttttg gggaagattt ttaatgtacc ccttntttg	660
gtaaagggtca ntcaaaaaat aggtggnggg gattanttna aaataatntt aanttttggg	720

```

naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa      780
aacaagaaag gggcttttca anttaagggt aaaggtnaac ctcccntnt tggnggngg      840
aattgggttt caaatcccn cgggccaaaa nnttcctta nttttaata ttttaaanac      900
tt                                                    902

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<210> 4473
<211> 816
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

```

```

<400> 4473
gnnnnntttc naatnccttt cctaatacna gctctcggtt tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggac ttctgaagaa catgaagcaa gcagaagggt gaaagcggag      120
ctgctgggtt agatggatgg tggtggagggt acttctgaaa atgatgacct ttccaaaatg      180
ggtatgggtt tggcagctct aattttccct gggatataga tgaggcttta agacgacgcc      240
ttgagaaacg aatctatatt cctttgccgt cagcaaaagg caggaggagg ctattaccaa      300
taagtctacg tgagttggaa ttggctgatg atgttgacct tgcaagtttn tcagaaaaca      360
tggaagggtt ttcaaggncg ggcatttcca acgtgtgcag ggatgccttc cttgatggca      420
atganaaagc ncnttgaang ttttgactnc caggaaatcc naaatctttt cnaagaagaa      480
atgencatgc ctacaactat ggaggatttc nagatggctt tnaaaaaggg ttctaagtca      540
gtgtctgctt gcagacattt gaaaagatnc cagaaatgga tatttgagtt tggatcatgc      600
taaattctcc atgtnaactg tgagaaatgt gcccttaagt ggtttgaata ttaaatgccc      660
gtaattcatt ggactggagt gcttatattt tttttaact ttcattaatg gtaagaattt      720
tttttaaaaa aaanccctta tgaattcttg naataaaagg ccaatatttt ttnaagcctg      780
gaaaaaaaaa aagccctntt agaaactntt tgtgga                        816

```

```

<210> 4474
<211> 878
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(878)
<223> n = A,T,C or G

```

```

<400> 4474
ttcctaattc ttggttctcg natctctgca ggatcccttc gattcgaatt cggcacgagg      60
ggggaaaatg acagaggaaa aagagaaant ggancagana aaaatagtgg aagaaatnat      120
agctaaaaaa ttcagaattc agtgacangt agaaatttac agatatcnga tcatatgctc      180
aagaaacacc aatgngaata aatatttann antcccacgc tggttcttgc aaactttttg      240
aaaaccaann ttgaanagca aatnttgnaa gcacatgata aaagccatnc cnnnaatnat      300
ccagttaatt ggcttgactt cttactggaa accctttnnn accanaaacg gncttggaat      360
aaacnttttc aagggttctt ntaaagaana attcgnaaaa ntnttaaccc ccaatttttt      420
ttttttttta nntgaaagac nccncttntg ttncccaggt tggmagtttc cnttccgnt      480
gcccnngcct tangnnaact tttttggagg ggganactcn tntgactttt nnnccnnggg      540
ntnnnccttt nnttnectng cccnntttcn tntttttgac nttttntgn gcnntncang      600
gcnttnaann ccnntgacct ccttcnaant ncatngnggg gaaacngggg ntaannggca      660
tangctcttt tatttaagaa agcaccnncn naatccccct aaacttttct tnaattnacc      720
cttttnggga cccctctagg ncngcttnnn tgntttacn ngntccncca aanttncnaa      780
cttggnaaac nntnttgnaa ntccnggggg aatataggna cctttggaat ttttaaannc      840

```

ancctnanttt ggcnngeccct ttgggccttt anaaanct

878

<210> 4475  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 4475

gngnntntat agcangctct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga	60
ggtcaaggct cagtcgccag catttcccaa cacaaagatt ctgaccttaa atgcaaccat	120
ttgaaacccc tgtaggcctc aggtgaaact ccagatgcca caatggagct ctgctccct	180
aaagcctcaa aacaaaggcc taattctatg cctgtcttaa ttttctttca cttaagttag	240
ttccactgag accccaggct gttaggggtt attggtgtaa ggtctttcat attttaaaca	300
gaggatatcg gcatttggtt ctttctctga ggacaagaga aaaaagccag gttccacaga	360
ggacacagag aagggttggg tgtcctcctg ggggttcttt tgccaacttt cccacgtta	420
aagggtgaaca ttggttcttt catttgcttt ggaagtttta atctctaaca gtggacaaag	480
ttaccagtgc cttaaaactct gttacacttt ttggaagtga aaactttgta gtatgatagg	540
ttattttgat gtaaagatgt tctggatacc attatatgtt cccctgttt caaangctca	600
gattgtaata tgtaaaggt atgtcattcg ctactatgat ttaatttgaa atatggncct	660
ttgggttatga aaacttttgc agcacacttg aaaagctgnc tgtggatcat tgng	714

<210> 4476  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 4476

ggttcancga atgcctgtgg aancgccect tctctncagn agcccntcga tncgtnttga	60
actatcaact agatcnggga agatagaaca ggcntttttt ncatngcctc gttnacaaag	120
ngtcatcacg aaaagtgttc ctctaggaag gcataatatg tggccngatg gatgtgatga	180
gtagattgta aaagggttgg gattctggca gaacangaan agatnactna attattggaa	240
tcaactgaga aaagagnnca ttagcatgcn ggctaataga ccctaataana acnggggtgtg	300
aaaagatggg atctggacct agaggcagtc ttagagccat aatnctngat ttctnctttn	360
ngngaaagcg acaggtactt ntggnetgag gccataaatc agntntatcc taaatggaaa	420
actatatncc actggggatg gtaatcacc cttngataag aaagggtaga anccacaatc	480
ttcaacagaa atggaactta tcaatntaat tnaagaatcc tcaacagtac anttttaagg	540
nnatggaacc cctgtgnna anccangtt ccnactgcca nngcctnanc aatcctatta	600
tnactgatta gcnnkanaaa agaangcngc ancccnttnc naattttttn ttancnncn	660
ggnantnccc ntgaaaggt aacccttnt naaaggggga aattcnaccn nanggaggen	720
nnnnggcnnng gngaaattnn cettgaacce cccnaggcan aaangttgct tnttancecc	780
agancc	786

<210> 4477  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens



<220>  
<221> misc\_feature  
<222> (1)...(723)  
<223> n = A,T,C or G

<400> 4477  
gcgntctaata gnnngctctt gttctttttt caggatccca tcgattcgaa ttcggcacga 60  
ggaagctccg agtacctgcg tgccctcttt gtctacgaga agggggctcg ggtgcttctg 120  
gttccagaca ataccttccc cttgggctat tacctcatcc ctttcacagg gattgtggga 180  
ctgctggttt tggccatggg agcagtaatg atagctcgtt gtatccagca ccggaaacgg 240  
ctccagcgga atcgacttac caaagagcaa ctgaaacaga ttctacaca tgactatcag 300  
aaggggagacc agtatgatgt ctgtgccatt tgcctggatg aatatgagga tggggacaag 360  
ctgcgggtac tccctgtgct tcatgcctac cacagccgct gcgtggacct ctgctcactc 420  
agacccgga gacctgcccc atttgcaagc agcctgttca tcgggggtcct ggggacgaag 480  
accaagagga agaaactcaa gggcaagagg aggggtgatga aggggagcca agggaccacc 540  
cttgctcaaa aaggacccca cttttgggtt ctagccccac tctttccacc ttctttgggt 600  
cctttagccc cagctnccct ttggtttttt ctggggcctt tnaacagatc cccactgtc 660  
cccttcttt tncctgtaa tcttggnta ataaccccc acaacttaca cctttggggg 720  
acc 723

<210> 4478  
<211> 764  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(764)  
<223> n = A,T,C or G

<400> 4478  
naatagcagc tcttgttctt tttgaggatc cctcgattcg aattcggcac gaggtgtcc 60  
actccagttg cccttggtta agtttagcct aacacacagg gttttgacct atagttctaa 120  
aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagttcagt 180  
atttcaatac tttgtatttt acttgaaatt acccttagta gcatctttt tttcctgtct 240  
gaaagctttt gtgtggatga gaaggacat ttcatttctt cccttaacaa agtgtcattc 300  
tgaggttctc atgtgtgttt ttggaaatag agatactggt tttgtagagt ttgcctttgg 360  
gtatgttntc tttttttctt aaatctccaa ggaagagaac tgactaaaat agtaggaaca 420  
tgaaagtatt aaatgccaat taatttggtt tagtaaagta tcttcattag cgttatactc 480  
catcatactt ggtgtaaact gctcacagaa aaccctatga aaccaaaggg ggaccattca 540  
ggtctaaaaa gcgacaggtc ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600  
attttggaag aatttgcata ttcagatttt taaaatgcac ttaacatact tcattacaga 660  
attcttgggt agggangatg ggataggcca nggatgggat ggaatcagtc tgcttgggaa 720  
cttaatnccg aatcatttan cttctggat taacccttgg ncng 764

<210> 4479  
<211> 836  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(836)  
<223> n = A,T,C or G

<400> 4479

gaggaaatca	gtacgctgag	gggccaaagt	ggaggccagg	tcaagtgtgg	aggtggattc	60
cgctccgggc	accgatctcg	ccaagatcct	gagtgacatg	cgaagccaat	atgaggtcat	120
ggccgagcag	aaccggaagg	atgctgaagc	ctggttcacc	agccggactg	aagaattgaa	180
ccgggaggtc	gctggccaca	cggagcagct	ccagatgagc	aggtccgagg	ttactgacct	240
gcggcgccacc	cttcagggtc	ttgagattga	gctgcagtca	cagctgagca	tgaaagctgc	300
cttggaagac	acactggcag	aaacggaggc	gcgcttttga	gccagctgg	cgcatatcca	360
ggcgctgac	agcggatttg	aagcccactg	ggcgatgtgc	gagctgatag	tgagcggcag	420
aatcaggagt	accagcggct	catggacatc	aagtcgcggc	tggagcagga	gattgccacc	480
taccgcacct	gctcgaggga	caggaagatc	actacaacaa	tttgtctgcc	tncaaggtcc	540
tcttgaggca	gcangctctg	gggcttnttg	ctgtcccttt	ggagggtgtc	ttcttgggta	600
naagggatgg	ggaaaggaaa	gggaccctta	ccccccggnt	ntttttcttg	accttgccaa	660
ttaaaaaatt	tttggtacca	agggaaaaaa	aaaaaaaaaa	aaaactccan	ncctnttaaa	720
actattagt	aggtcgtatt	accttggaat	cnganatttg	ataagaatcn	nttgatgant	780
tttgggncaa	accnccactt	tnaatgccc	ggaaaaaaa	tgctttnttt	gggnaa	836

&lt;210&gt; 4480

&lt;211&gt; 1174

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1174)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4480

ttttttcccc	tttnaaaaaa	antttggggc	ccentttttt	ntttttccct	naaaaaanttt	60
nggggncccc	tttttttttt	nnttnnnntg	ggncntatng	ggnaaatcc	ccccccnaat	120
tcctgttaat	tttttccggg	cccggaaaaa	aaggtttccn	ttttcngggg	gtttcccccc	180
ncgggcccnaa	cntttccggg	tttttccntt	tcgggaaatt	tcctttccgg	ggggttnccg	240
ggaaaccccn	tttttccccaa	aaaggttttc	cccccaagnaa	attccccggg	caaaccggna	300
aaaanggggt	tccccnaaaa	ggnntttccc	aaaagggttc	ccccttttng	gnttncgggg	360
ggttcccttt	nccaaagaaa	tcctttcngg	tttttccgg	cnggggggtc	ccaaagggtt	420
tcnccnnggg	gttcttttgg	ggtnccaaag	ggnaagttcc	cttttcccc	aaagtgttcc	480
ccaaaaagaa	aggggggaaat	cncnaantcc	aaagnggtcg	ccgatcgaag	agtnccccc	540
agtctcctga	agaggaagga	gcggtgtcct	cttaagaaaa	tgatgtatcg	gcaagcagtg	600
taaacggagg	acttggggaa	aaaggaccac	atagtccatc	gaagaagagt	ncttgggaaca	660
agcaactggc	tattgaaaag	gttattttgt	aacatttgtc	taacttttta	cttgtttaag	720
cttttgccn	agttggcaaa	cttcatttta	tgtgccattt	tgttgctggg	attcaaattt	780
cttgtaattt	agtgagggtg	aacgactttt	agatttcatt	attggatttg	gatatttgag	840
ggtaaaaatt	tcatatttgg	atatagtgtc	gacttttttt	gtttgaaatt	naaacangaa	900
ttgggtaacc	taaattttgt	ngggncctcc	tggacttttt	naagggaaaa	acgttggttg	960
ccaggncnt	ttctacaacn	aggccntaaa	angcttggtc	aaagaagatt	ttggaacntcn	1020
ggggantttg	gnccntttta	ntttcccttt	aaaaatttaa	aaaaaccctt	tccaaaaaag	1080
tttnggtggg	taaaaatttg	gngatatttg	ggttantttt	tacccttttc	nnnaatcttt	1140
taaaatnngg	ggtaattttt	gggaaccccc	aacn			1174

&lt;210&gt; 4481

&lt;211&gt; 860

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(860)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4481

nctnacacng	nncagatngc	accaccttat	ggnactncac	acatntngng	nntaattgcc	60
tnnaatttgn	nnaangggat	ngcctagtgn	tnctngnctn	cagaagggaa	agtggnttan	120
atagaaaang	acancnngg	ctatatacac	ttaannnggt	natagaannn	ggctactgaa	180
gtcnnggact	tntannattn	aaancctaaa	tcacttnttg	tnggacggtt	ttcatntacc	240
tgccanatat	acagcccan	accnatngnt	ggngtgaggn	atnnntgtgc	cgggnttctn	300
tnntantttc	aacacccnna	gttgccataa	anntactccg	gnntattttg	nntgctcnca	360
aacttgattt	tttttttctt	aaccaccgct	tganttagtg	gtcctcnatt	nnggntnnag	420
aaggatnccc	acntgaaagg	ngatnaactg	gtcgnnccan	aacanttggtg	tggntctctg	480
tcactttttc	agnccatnta	gttttntaan	anccgcgggg	tattccnctt	tcnngccta	540
ttttttttnc	cntganaaca	ttcngtnant	ttanaatcng	ggggaangac	cccctttnaa	600
naaactgngc	ccctaantgt	tggtttncac	ttncnccgac	gnnttntttt	ccaaaaaagn	660
ttgctttccc	cncnttccan	aaaggaacna	attnttctta	aanaancctc	tnntcncctc	720
ggggaagaag	gcccaagngc	ctttgggaaa	ccncaagggg	gaccccccnc	cntggacaac	780
tnannaacnn	nttcnggng	cccaaaccctc	ttnanttggc	ntncccngg	tccttanaac	840
ananaaangg	gcgganntnt					860

&lt;210&gt; 4482

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1407)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4482

ntttccaaaa	tagcttggn	aaactccnag	agcnatttag	nganactttg	aaancctttg	60
gaaannccna	annatttnaa	aanaaacng	nnannntttn	nncaganaaa	nnancanaaa	120
nnnnacnngg	ggttttttct	aaanaacnnc	cnangataca	aatgagaaga	naatnnaaaa	180
aaaaagannn	nnntnannaa	tttnatnaaa	nacngagtgn	aanngaaacg	cnnaaaaaaa	240
aaaacanata	ttaaanaaa	tttannnaaa	naagnnaaaa	annacacatn	ntcnaaaanc	300
nananantnn	aancnanana	nntntatata	anctanntna	ntannnaaac	ntatnatnaa	360
ntntanata	ncnanatgna	nnaaacagna	acnnatannn	nnaanaatgn	atatgtntta	420
acnatataa	tnntttagan	aganatgata	nntntaaatn	nnnnactata	tanataagaa	480
tatatnacag	agncctnca	canatgatac	actgancnna	tnntanantc	aanngtggac	540
tnntnganta	taananggan	nacanactag	acnatnnntn	gaaaaganaa	atngnggana	600
canannagnt	tacganatna	nanacagnnc	natanncnan	ntntgtcana	natanatagt	660
ancnancaaa	gaanatggan	nnnacgacan	ntnccgtaca	tcnagacgnt	cttactatac	720
atacnagagn	gagancacnn	ncnacactnt	gcntnnnaac	atntgtanna	nntanatana	780
tanaatacac	acnagccnnc	atatattaca	cgnagantga	gnncnctacg	tanantatat	840
atanncatcn	ngaananatn	tnacangtat	acnccgtanac	ntacagagtc	atnacacgta	900
antctagtna	tctnttnang	aacantntta	anangatatn	attnnaaang	atatnagant	960
ctacgtangc	gcgnaantna	atntacacat	cnanatatag	acnanacgtg	atntnanana	1020
tganatacta	tganaacnnn	tcnnaacact	nacatatnta	tanaaaataca	taagagtana	1080
catncacaan	cacatacaga	gananaanna	cacanaanan	atacataatn	aananantca	1140
tgantanact	taatcacgna	aaanttanna	agcnattnaa	cganngaaca	ngntacntat	1200
acggntanaa	tacncataaa	ntancancta	nanaannaaa	gnnnnnntnn	cacanannac	1260
tnaancatga	cgatanataa	cangnatctc	aatantnaga	cntatgaaca	aaantagacg	1320
aanagtaata	tatatcnnta	gatnantana	nnaacgagac	cactgaacnt	ntnnanatat	1380
ntaanacatn	aactacaata	ncacacc				1407

&lt;210&gt; 4483

&lt;211&gt; 755

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

gcgacgcgcc	ganggnaaaa	ccccnaggcg	gannncaagg	acgcgggagnc	ggcacgagggn	60
gagagagatc	angccgcacg	ggcnccttna	nncccccccn	cgncgnaann	cagcaggcgg	120
gnccagtgtg	cncctgcatcc	ncacccngga	ggccgacgac	actatcannc	ccacnnatag	180
gnggaggaga	cagaggcaca	gagcgcccaa	agccccacag	cngggcgagcg	gcagggcnag	240
cgagcgangn	ccactagacn	ggngacagac	gcagaagccg	cgcannnnac	ccccgggaac	300
nggaagacaa	cncngacga	gcgagaccca	ggagaacgca	cagncnagcc	agaaaangnc	360
nngcaaccgc	anacangcan	cngacagaaa	ngcgacngcc	cacggaaaaa	gcgagcaacg	420
gaacnaagag	accaacnagc	ngccggggggc	aaggggaancg	ggcancnngg	cgncanacna	480
agaccgaanc	gggaagccgg	acccaacccc	aaaacggcca	aaggggacan	accacaaaca	540
gggnanccca	aaaacaccaa	anncnannca	caanccgaag	gaaaaggccg	aaaccaaggc	600
ccgaggncan	ggngagcacc	aacngaagcc	aaaccgggnc	aganncaaac	ccgnaancac	660
ccaggaggca	ncaggccggc	cccnggggga	nccaggcaag	gnccccgggn	aaaancccca	720
gnnccnngcc	cccnggnncc	angggggaaa	ccccg			755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn	nnnnnnnnnn	nnagtttnnn	nnnnnnnnnt	tttttncccn	aaaaaaattn	60
gggccctttt	nttttccaaa	aaaatggggc	cctttttggg	ggncaaattt	ttttncagan	120
nnncnnnang	ttttttggaa	aaannccccc	ttttttgggg	naaaacnnnn	nnnggnnnnn	180
nnnnnnnnnn	nnnangnnng	gggnnnnana	nnnnngnnnn	nnanggggnn	nnnatntntt	240
ngnannnggn	nnnnntnnna	ngngnnnnnn	tnnnanannn	tnnnnnnngn	nnnnngggng	300
nnntttnnt	nnangggngg	ggnannnnng	nanannnnnn	ggnnggggnn	nnnnngnnng	360
ggannnnnn	atannnnnn	nnngnnnnnn	nnnanntnnn	ngaattggna	annnnnnnta	420
aggggnaacn	nnngngcnna	aaannannan	gaggggagga	angnacngaa	ancnnagagg	480
tanngaanaa	aatcgcacgg	gaacntggga	aacnaaanna	tcnannnctt	aacnaaanatn	540
taaagnaaca	naaagcnnng	nancannngn	tgnnctgtta	gnagatctcn	ngnaacaatt	600
tntaaangga	tnaaatctnn	angnaagagn	agctnngaann	ngnanangaa	aangaannnn	660
naaacngang	annacanata	aacnaagnng	aaggttnctg	gantanaaga	ggatnaagaa	720
cgtngaaaanc	annaancana	nanaactnga	tgeccanctg	agnttnnaac	nnattatnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaaana	attnnagnan	840
agnatnccctn	ngtatanaaaa	ctnngatnct	nngnacgaag	ctataanaaat	aannnggaann	900
nnncataann	gnannaanna	aataatntat	nntggtnngn	gncntatann	taagnaangg	960
catacaagat	natataagan	aagntactat	naanatnctn	nggggaagnga	ntcnacacac	1020
tantntntnc	ccnntggang	nnatnagatn	anncnanttn	ngnntancnc	nnctgtcatn	1080
ntnaaagaaa	ngttnanaca	ganatcctcg	atanananaa	agncaaagac	anaggnanna	1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn	1200
anacnncgna	angcacaana	ngtananana	catnnataaa	aanntngnat	gntcgacngn	1260
agaangctcc	ncn					1273

<210> 4485  
 <211> 1240  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1240)  
 <223> n = A,T,C or G

<400> 4485

agggnnnnnn	nnnnnnnnnn	nnngagggtg	gnnnnnnnnn	nnnttttttt	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aaatngcccc	cnttttgggg	gcnaaaan	120
cngggcccaa	ancccccann	gcnnntttann	aanccggngg	gnntttcccc	tnnggtnggg	180
ccccagggna	aaannggaaa	aaagggtntna	aaaaaaaaatn	acctntgggc	ctttaaaagg	240
gaaaaaagg	ggggnagg	ggggggnggt	tgggggggga	aagggggggt	ngggtnangg	300
gggaaggga	gggggnaaag	gggggnagg	gggaaaaacn	gnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnn	aaannnnnnnc	nnnnncnnccc	nnnnnnnncca	nnnnnnnnag	420
agccncnggn	nnnnnnana	cacannnnag	gccgcccngc	nnacgnaagg	ggccngggca	480
ngaaaaanga	aaacagcnan	ncannncnt	gantgcatnc	cgcactgaaa	gganggncaa	540
acacnggang	aggnnnnnt	ccnaagannc	aagggcaaat	naaggacct	gggnncntn	600
ggacacntaa	agnaantgna	ncggatgnct	nccanatgac	agagangact	gggnngcang	660
gggnatgatn	aaaagtaacc	canngaagaa	acgngnnnna	nnaccngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnnnca	agcannnnnc	ncnangcana	anaancnata	780
ngaaaaanng	gnnntanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanannc	naaaancnaa	nggggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	cnatanann	ccntngnggg	ggcnagtaan	anancngga	gcncggncan	960
ccanaaaann	ccgccana	ccaggcannc	aannnnccnn	gngannncca	gccnatnnca	1020
nganggantn	aaanagggn	cgngcaaaga	gccnacgana	gcaannngna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnccn	cgcntaccca	1200
aanngnacnt	ccannnnnnn	aaanaaanacn	gtgcncgacc			1240

<210> 4486  
 <211> 1444  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1444)  
 <223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaannnnnn	annncnnnnn	60
annnnaanan	naannatnnn	anganannan	aaaaananata	aanannaann	anaanaaang	120
anannnnann	nagangnnan	nnaaannatc	naannannna	nngannaagn	nannnncnna	180
tannaagagn	aagggnnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanattngg	240
angnannnan	tnaaaannnn	ananananan	ggggagagtt	cctaaaggtt	gggnaaaaac	300
ncacnncnca	aaaaaagacg	agnaattgggc	antggannaa	aactatcact	aangnnacca	360
nnncacaant	nannggttn	caacactaan	nnantnnnnn	tnctangnga	nganattaan	420
cnntnnnnnn	nttnnnaatc	tancatcnnc	cantanntan	cnnnatnaan	ntcnancta	480
ancannnnan	nnagannncn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn	540
antaatnnaa	naannaannn	naagananng	ccaancatcn	anagcnana	annacaatcg	600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacngctn	tatntaaaac	660
tacatantct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaaa	720

nagntaanaa	acntctnnga	ctantaanat	atctaactnc	acaaaagata	aatcannac	780
gtatacgant	tatnganann	actcnacaaa	ntctatnann	aaangnntca	canagtancn	840
tnaanaanan	tnnaacatna	gagcatngcc	acaangtata	nnaatataaa	ntagtancac	900
antatnnctc	annnaacata	tnnatanngn	tatnntggag	ctanannagt	ctnannnnan	960
agacacatnn	ncanaatann	tatatnnaaa	nanaacaata	ngtncntgat	nnannnncnac	1020
ncacncacan	atacantnca	tnaanacatt	nacacaannt	annanaatca	canctaacat	1080
ctcatnnata	cnannntcct	tcacatannn	tcnnactatn	tantcaactnn	aaaaacataa	1140
nannanggac	aactnnnacnc	nctaantntac	canatnncat	anangatana	tagancnana	1200
acaaanatta	gaantanata	naaaatttta	acgantcata	naaatattnn	aannanacac	1260
atancncanc	aatannaact	acnattanat	catnacanaa	ntantcgacc	ataaananac	1320
ataaatanta	tnannaanat	nanmntaagg	ccanncanat	taaatcacat	atatntatat	1380
anatnanaat	gncagaagat	atananncna	taactaaaan	tanacatnta	atantcncta	1440
tnng						1444

&lt;210&gt; 4487

&lt;211&gt; 1390

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1390)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4487

ggnnnnnnnn	nnnnnnngna	nggtttnnnn	nnnncccctt	tttttttgcc	naaaaaaaaa	60
ttngccccct	ttttntttgc	cctaaaaaaa	ttgggnccct	ttttgggggn	aaaanttttt	120
ttcccgnnnn	gnnnnaaann	tttttttnna	aannnnnnnn	tttttnnnnn	nnnnnnnnnn	180
agggnnnnng	ncnnnnnnnc	ttnnnnnnnn	nnnnntnnnn	nnnnnnnnnn	nttggnnnat	240
tttttttttn	nnnnngncta	tnggnngna	nannnnnnnn	nnnnnnnnnn	nnnnnnnnngn	300
ggggganant	ntntattnta	nnnngnannn	tnnnngaggg	nnnnnnnnnta	ntnggnngnc	360
ganngnnnng	atnaannntg	gcnttgnggg	nnnnanatat	nanatnannt	nnngcannna	420
atnngnnnnn	nnnnnannag	ggggggcgcc	annnacaanc	anttaagcta	anaaattncn	480
antnanntgc	tgaantgaan	gaacatncan	annttaacan	nnctgnangg	ctanntgaag	540
ncaanatggc	ttcaannaan	gcntntntang	gacttanggn	tacnggntat	naggnacctn	600
cttanntnnt	nctaaccnta	tctngaacgg	netncacctc	nnaaattgna	ctantatnnt	660
aaaaannatc	atnatnanat	ntnngganaa	ngctgtcaaa	aantnnnnna	ancnnnnngg	720
anannngtat	ctanntnnac	ntggaatgnc	ntaaacctat	aaaaaannan	gnnataaaan	780
ntcaacnnan	annnanacnt	aatnttanac	cntntaaagc	ncntanacnn	atttcgaggn	840
cctngacaat	antttttaann	tcatacaaat	gtgnngggan	antncntata	cacnggggta	900
nantgnacnn	nnnatcttgn	ggtanaagnn	tnctanagcg	ntatntnttt	agnggnnaan	960
atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	nntcgatnta	cctcacgtng	1020
tgtgnatatn	nntncantnn	atctctanat	nentatanat	atcgcanaan	atntacanca	1080
cnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anatttttang	anaaaaaatag	gtacanatan	ntgnggggnac	tnataaaacn	nganggnnnn	1200
tnnttttnnaa	aaggnnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260
tancccanag	atcatntcat	acgncgngna	annnnnncta	ncataagnct	nttgagccna	1320
tacnngctnt	atancnacn	gnatannnca	tnnggaaagn	actctatnan	gatnnanann	1380
cgncnacan						1390

&lt;210&gt; 4488

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
<222> (1)...(960)  
<223> n = A,T,C or G

<400> 4488

ttctaattngc	tngctctcgc	tctcttggag	gntccctcga	ttcgaattcg	gcacgaggct	60
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgaacca	120
agattgtgcc	agcctgggcg	acaggggtgag	gctcttgtct	caaaaaaaaa	agtccacatc	180
ttcatgaacc	ctnagactct	ggagttgggg	tgtcggcttt	tttagcccg	cttttgtggg	240
aattgccttt	tgacctatta	aagaangaaa	gtggggtaat	gggagtncca	gccactcaag	300
agactnngat	atcccccccc	aaaatgggtt	gggttaccna	gcttttgunc	cccntnngaa	360
aaatgaaaat	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	420
ngtttttaaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatggttct	480
tncaaggggc	cccttggggg	ttnaacanga	acnaccagc	tttnganttt	ttaanaagcc	540
angaccattn	tgggcggaaa	ngaaaaaacc	aatggggcaa	tttggaatn	ggtgncnga	600
agtncccnnn	accaaaatng	tttaatttta	attattaccn	ccattccna	aaatttttna	660
aggaanaaaa	aantggnaan	tttccttttt	angggtttcn	aaaacccttg	ggaaattnga	720
tttttaaaang	cncnaaatt	taaaaaccct	ggtttgccaa	angttccaaa	naaaaaatnac	780
atntttacnat	cctcttcata	cctaactnct	cnactacctc	aatncttnt	ncanactnt	840
caactnttna	nnattnccat	tctngatata	canntnanat	aacnnatnnc	ncntanaaan	900
ntnnttatct	nanataatnn	ttctgcnat	cnntctcctc	cctctnatnc	tcnnntnct	960

<210> 4489  
<211> 1024  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1024)  
<223> n = A,T,C or G

<400> 4489

aatncnaggc	tctcgttctt	tttgcaggat	ccctcgatcc	gattcggccg	aggattccga	60
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaagcaa	120
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	180
gactatttga	gagatattga	tctaacttgt	agtaatgcct	tngaattcaa	tccagataga	240
gatnctggag	atcgncttat	taggcataga	gcctgtgctt	taangagana	ctggctatnc	300
cnntaatttta	aagaaaaaacc	ttttngaaac	cttttnongc	tnnttngnan	gaaantttcn	360
ggaaatnttt	aaanaaaaaa	angnttgnnn	ncgttcccc	naaaaaattn	cccccccgnn	420
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	480
ttggggnnng	atttaaaaag	gattccntga	cccccccgna	ggcccnagna	attggganaa	540
aaggctttan	aggaacaccc	cgggggttaa	ccttnccctg	gtggggncct	ttggccaaan	600
cnancntttc	cttnggcttt	caaaaatttg	taaangaaa	ggganaaaaa	attttctngc	660
ccaaanaaaa	agggttccaa	aaaaaccttg	gggntgacct	ttttaanggg	nccaccccn	720
tttntttaaa	aaaaaaaagcc	cnnaaanggg	ggaaaggaaa	tttttttnaa	ccaagggggg	780
cccaaaaang	ggattgggna	tttaggnccc	cccggaataa	tggccccntt	ngggaattcc	840
ccccaaaaaa	atttggnnna	aagtggant	ccccccang	gggaaaacct	tcanggaccc	900
caaaggtggt	tagaatccat	tnatggggga	cccggaataa	ncnnggagaa	gtctttcggg	960
ngggaagaaa	attnanaaaa	ccgccaant	gccnttttn	aaagcaaact	tgggaattggg	1020
aaaa						1024

<210> 4490  
<211> 834  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(834)  
<223> n = A,T,C or G

<400> 4490

gnnnnnntnn	nnntttcaaa	tgcttngcan	tcgcttggnn	gcaggatccc	ttnggaagcc	60
nttggacgac	acgtggcgt	ccgctgaatt	naagcatatt	agtcagcgga	ggaaaagaaa	120
ctaaccctct	agttttaatt	ggacacttct	ttgctgnngc	aatctatgcc	gngtatnnnn	180
gctntaagtc	agaaccttgg	attacaaaac	ctcgagcncc	cccagnagt	gtgctgtatt	240
gtcaaagcgt	gntctgtaat	atttcctcta	atttactcag	aatgaagta	tatgggtcat	300
taagcttaaa	ggggaacct	ttgtgaatga	atatttggaa	cttaccaagt	cctaagagac	360
ttttggaaga	ggatatatat	agcatagtac	cataccactt	ataaagngga	aactcttgga	420
ccaagatttg	gattaanttg	gttttgaagn	tttttggata	taaatatgta	aatacatgct	480
ttaatttgca	atttaaaatg	aaggggntaa	ataagttaga	canttaaaag	aatgattgg	540
taccataaat	tagtgctaan	gctgaggaga	actacaggnn	ttcctttgga	ttaaggattg	600
gagangagtt	ggtggggcat	gcaaattaaa	atggaagaan	ggaaaaaana	anaaaaaaaa	660
aaacctcgga	gncctctnga	aaccatttag	cggggggcng	nttaccnnng	aancccnnga	720
catnggtnaa	ggaannccan	tggnanggaa	nttnnggggc	aaaaaccncc	caaccttgga	780
aangccanng	gggaaaaaaa	aaaggccttn	aanttnnggg	gnaaannncc	ggcc	834

<210> 4491  
<211> 940  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(940)  
<223> n = A,T,C or G

<400> 4491

gtaggcccgg	nttaagtttt	acnnttnaaa	ttttcagcca	cngantgggt	ccntnncgnc	60
cgggnnttct	ggagggtttt	ttntggattt	tctnttttcc	tnncnaccat	tttcattncc	120
ttcatnat	ttcngngccnt	tacnttttaa	ggttntaccg	tccggtatng	cntaatggaa	180
ggggtaaaat	cnggnnaatt	catggnttgg	ccattctggc	nctgngtncc	ccntnennan	240
aggnottnac	cnaaccttga	tggggncttc	tacttcccc	ctaagctttt	ttgtgccacc	300
tngttgnttc	ttaggtacaa	aactattcca	aatggtagct	gncctggatc	cntnggccaa	360
tggggaccnc	atgggtaaga	ttctgggtnt	ttttaaccat	naaaaaagng	ccattaaana	420
tcccggntna	agattncaaa	atgntattgg	gggcttccat	gaatgggact	tgnggactgg	480
aaattctctg	gggantcaat	gnaataatgg	tnaatgaatg	tgaagacctn	anaccttgca	540
ntacttggan	acttcttana	cacttgtgcc	aatttnggat	attacctana	atattattta	600
aaaatgggtt	tttcttttcc	ttttaagtaa	attaaaattt	aacctcttta	ggcctttacc	660
tggnnaaacc	ttnttttttt	ttacccttcc	anttaaaacc	ctttaaaaaa	anttttttaa	720
aaanttttnt	ttggggaccn	ttnttttttg	gttaaaaaan	aaaattttta	gccttttttn	780
ancccccccc	ctnntngaaa	aaaannnttn	ggnaaacttc	ccngggggnc	cttttttaaa	840
aaccttttag	ngggggggnc	cgaattttac	ccgtgggaaa	ccccnccncc	cttttatnaa	900
agaaancccn	tttggtatga	agnttttggg	nncaaaaccc			940

<210> 4492  
<211> 840  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



&lt;222&gt; (1) ... (840)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4492

taatanctng	gctatngttc	tctttgcagg	atccctcgat	tcgacaccca	atggcgggtn	60
acgccggtgc	anaggggggg	cccggggggc	ctggtggccc	tgggatgggg	aaccgcngtg	120
gcttccgcgg	aggtttcggc	agtggcatcc	ggggccgggg	tcgcggccgt	ggacggggcc	180
cggggcccn	gccccngact	tncngaggca	aagccnagga	taangagtgg	atgcccctca	240
ccaanttgng	cccttggtca	aggacatgaa	gatcaagttc	ctggaggaga	tctatctctt	300
cttctgcct	attaggaatc	agagancatt	tgantttttc	tngggggcct	ttttcaaaga	360
ttaaggtttt	naaaaaattt	nccaatncnn	aaacanaccc	ttccggcaac	gcaccangtt	420
naaggcattt	gttgctatnc	gggactaaca	atggccacct	cnggtctggg	tgtaaagtct	480
ccaaggaagt	ggnccaccgg	catncgtggg	ggcattatcc	tggccaaanc	tcttccattc	540
ntccccctgc	cncaaaaagg	ttacttgggg	ggaacaanat	tnggcaancc	ccaaaanttg	600
tncctttgca	aaggtgaaca	aggnccattt	tcgggntntt	gtggcttggg	ttacccctt	660
aatnncctng	gaaccccaan	gggcaacttg	ggcattntan	ttttcccgta	acctngtggc	720
ccttaaaaaa	aaacttnttt	cattnantgg	cttggggatt	ccaatgnant	ggcttacaaa	780
ctttaaacnc	cggggggcct	tcaannttgn	tcaaaccctt	tngggnaaaa	ttttgncnt	840

&lt;210&gt; 4493

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4493

cntttttgaa	ancccttggc	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagccaa	cgtgttaggc	ctncnnngca	cgnnctnaa	gctgnttctg	aatgagaccn	120
agnncntga	anttnacaaa	gacatccccg	ngaagacttt	gaatatgaan	actgngtgtg	180
tcnatngtt	acnaacaaca	ntatacttct	nncntgtnt	natcaatgnn	natngggnaa	240
cccttcctta	attacacctn	tncctacac	atacntcccc	atnnacacac	acntgaacac	300
actgangatg	tnccttttaa	gtgtgngtnn	aatntgctgc	nngnattgaa	attnaaatgg	360
gattgatnan	tcaagtgcct	tgagacctga	cagcatcttt	acactnaanc	ttagacannt	420
atgcntcat	gtgggcagca	ngttacaatg	gtacttnagc	ccacagtnta	ttgctatact	480
tgagttctta	actcanaaca	tatatnttga	tttgaatggc	atantgtata	tatnatattca	540
tgcnttttta	aaattatctn	anaccncttt	natganatgg	gcagnatgat	aantgtctaa	600
cacctgggat	ttaactggat	aattttgctn	gaatctttta	ngttttganc	tnttcaggac	660
nagttaacag	acctcanant	gttccaaagg	cttaaatgtn	naactcnaag	ccctttttna	720
aaattnatgg	agtccaant	tacctgggan	ccaggacant			760

&lt;210&gt; 4494

&lt;211&gt; 793

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (793)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4494

tnanngtana	agacnncgng	naaagcccat	cagccggaan	gcaaaggncg	cgggtggccc	60
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caagagnggg	aggagtgggc	tgacagaagg	cccnntccc	anccgcgcac	nggcngaccc	120
ccaggggcta	ggatacngga	gatgaggaac	ngganaaggg	gcncaaagag	cacanntgac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	ccccnggaac	240
ctnccccnct	ccaggctcac	accncnagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	nggngnccac	aggnggngcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaagaa	tggctcctcc	ctcanttcag	agaanacatc	ctagtccaaa	480
gngcccctaa	ngcacncaag	gtctnngana	gctacattcc	ctcactganc	ccagnagaaa	540
nacactacca	actgangcac	canctaggat	taacaacnag	ccaagcctcc	ccttnccctt	600
cncaaggaaa	cntcncccca	caagggccnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttc	ggggaaaggg	gaccnccnng	aagaaacaaa	ttnaaaaaana	aaaacnaccg	720
ntaataagna	accggggnga	aaaaaggncn	aaccnccaa	agggccccc	ggcaaaaaaa	780
atccccaagg	ccg					793

&lt;210&gt; 4495

&lt;211&gt; 1487

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1487)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4495

agggggagg	gnntttttan	cncnccccct	ttagggngga	aaaaaaancc	cccntttttg	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gnnannggg	120
aaagcanacc	naaagngggg	anannnnncg	nnaaaaaaan	gcnnggncaa	gacagnaagg	180
gggngcgaga	gagnnngcng	gggaganana	aggggaggnt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganaggg	gaaagnggna	anggnntacn	300
ngngantggn	aaangnnnat	nngggggana	aaggngantg	agnccggcaa	aannantann	360
ncggatang	gnataggtng	antgantgg	angntancnn	agataggcgn	agannngaaa	420
ntgagnatnn	tgnnacacna	tggggnataa	ggcnnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcggaang	aagaannnnn	gntaggatgg	nnngnaaaana	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cgggaagnann	600
aaggngnang	tnnaaaaggn	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnn	660
anggaagngg	gtgcnaaggn	gnaanaagag	ctatnagggg	gaaaggaagn	ggntgngggg	720
annngaagan	aaggggaggn	aagcaaggaa	acgatgnnan	aagaanaggn	taaacgcaag	780
naggtatnaa	naaaganaca	ancgantga	naggggaagg	gngggncaca	atgaangang	840
ngaattgnta	ggacgcanna	agacntagan	ganagncaaa	gacgtagnng	caaagganga	900
nannnacgcn	agngnggaga	cgtaagggnn	angngtnagn	cnaanagata	ngganngnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gagnnaggag	nananaagcg	aggaganaan	gatnagggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggtn	ngcanngagn	agaagancga	nggagganna	gantgacgng	1200
nagnngagag	aantacacnt	atnaggnng	agaagataaa	ngcngagaag	atnganngng	1260
angaganacg	anagnnatgn	aganagnnaa	ntagnagag	agagagnng	ngagagaaaa	1320
angtgagagg	agaggnaaga	ngaancgnga	gnggacagga	ngagagnnnt	atgnnnnggn	1380
anggganagt	gnntntcntg	ngcnacann	nnatnnggac	nacgagatgt	gcanaganan	1440
gnngngnaga	ngnnngntag	atagaganna	naggggnataa	gagacng		1487

&lt;210&gt; 4496

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 4496

tnnagggtng	nnntgtnggg	cctnttnnncn	tngttgtaan	cgctggctng	ctcgcanan	60
nctngctggn	gcgaattcgg	cacgagggtgc	attgnggccca	atgggtggcnt	ntgtagttcc	120
tgaacatcag	ctgggaactg	catatggctt	catgcagtc	attcagaatc	ttgggtnggc	180
catcattnc	atcattgntg	gtatgatact	ggattctcng	gggtatttgt	ttttggaagt	240
gtnccttaatt	gcctgtgntt	ctttgtcact	tttatctgtg	gtcttactct	attnggtgaa	300
tcgtgcccag	gggtgggaacc	taaattatnc	tgcaagacat	aggggaagaaa	taaaattttc	360
ccatactgaa	tganangtnc	aaatgaatgt	gncatgagaa	tgggcttaac	acatcgctgg	420
tttgaaaact	tncattttta	aaaatttaga	gtttagtcac	tagaaaaaat	aatggactgg	480
aaagtnatat	gtatatccaa	atatacctat	ttcaaagtgt	atttgtgagg	cctgttntag	540
cctgtgtcct	gtgtattgng	tgtcgctaaa	ganttntact	tttacnngc	tcatacaaaa	600
tgaagggtt	tgaaaattgc	tgtggaacat	ccacgtganc	tttttngaaa	gacagtnaaa	660
aaatggnaaa	cgtttgagc	tttctnttga	gataatctac	atttaggnaa	tataatctta	720
agggatacag	ccctttncct	ttattcttat	nncangaaaa	aaaaanct		768

<210> 4497  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 4497

gngnctttan	atancttgct	cttgttcttt	ntgcaggatc	cctcgattcg	agcggccatg	60
gccaaacttg	aggtgaagaa	agcattcatg	ggaccactga	agaaagaccg	aattgcaaag	120
gaagaaggag	cttaatgccca	ggaacagatt	ttgcagttgg	tggggtctca	ataaaaagtta	180
ttttccactg	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	240
acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	actagaatgc	300
agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	360
taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	caggttcang	420
gggagggtgtg	ggagggtttt	taattcgcg	cgcggcgcc	aatgcattgg	gcccgggtacc	480
cagcttttgt	tccctttagt	gagggttaat	tgcgcgcttg	gcgtaatcat	ggcatagct	540
gtttcctgtg	tgaattgtt	atccgctcac	aattcccaca	acatacgagc	cgggagcata	600
aagtgtaaag	cctgggggtgc	ctaattgagt	agctaactca	cattaattgc	gttgcgctca	660
ctgcccgcctt	tccantcggg	aaacctgtcg	tgccactgca	ttaatgaatc	ggccaacn	718

<210> 4498  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 4498

gnagnccggt	tcnnangcnt	nggctnnatc	caatgctggc	taaagttna	anantggca	60
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acnccaggan	ncangcgttg	cgaattcggc	acgaggagga	attacaggta	gcaaattatg	120
gagttggagg	acagtatgaa	ccccattttg	actttgcacg	gaaagatgag	ccagatgctt	180
tcaaagagct	ggggacagga	aatagaattg	ctacatggct	gtttnatatg	agtgatgtgt	240
ctgcaggagg	agccactgtt	tttcctgaag	ttggagctag	tgtttggccc	aaaaaaggaa	300
ctgctgtttt	ctggtataat	ctgttgccag	tgggagaagg	agattatagt	acacggcatg	360
cagcctgtcc	agtgtctagt	gcaacaaatg	ggtatccaat	aaatggctcc	atgaacgtgg	420
acaagaattc	gaagaccttg	tacgttgtca	gaattggaat	gacaaacagg	cttccctttt	480
tctcctatng	gtgnactctt	atgtgctgat	atnccatttc	ctagtcttaa	ctttcaggag	540
tttacaatng	ctaacactnc	atgatngatt	cantcatgaa	cctcatccat	gttcatctgn	600
ggcaattgct	taccttgggg	gntcttttaa	aaagtaccac	gaaatcatca	tattgcatta	660
aaacccttaa	aagttctggt	gggnatcaca	gaagacaagg	ccnaanttna	aagnggagga	720
attttattat	ttaaaaagaa	cttttgggtg	ggatnaaaan			760

&lt;210&gt; 4499

&lt;211&gt; 799

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (799)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4499

ttaagntttt	tttggttggn	ntttcnaath	ttgccanaaa	gctgnctact	ngtncttttc	60
gcannatncn	ntcgattcga	attcnccacg	agctgatagg	tgccnccntt	aagacttttc	120
atagancnta	ngncggancc	nncaccttct	cnnntgaang	atactnacc	agggnaatgg	180
tgnatgctgt	gaacananag	gngaaccnct	cantntgnta	anattactna	ctaantctaa	240
aagttaagct	nnancncaca	cnnntatcct	acctcntncn	ctgagnntca	ngttncacac	300
aaaaggncn	aangccntng	atcnacctna	ttatggacnt	gntcatcnna	ancctaatat	360
nctnctcngt	acngtnmata	tttncnacnn	agcattcnct	atcttncatc	cnntnnccaa	420
nctggncnct	ancttactac	ttgcacctcn	ctgtacccaa	cnnttccatc	cattgnntnn	480
cctatcaaaa	tccttcantt	atgnccttna	nctcncgtaa	anacnnatgc	nnatcttgag	540
tncanacttt	tnttgccgag	cngtngetcn	ntttctttta	ccnttggaac	ccgnataanc	600
atgnntttta	gaanaatnan	caccnggnac	cttntnancn	ctanatatgc	nctnnntant	660
gctntgactn	ntaaaactann	ctcnaanngn	ncttanance	ttatnaantn	nncccttnat	720
natagtntca	ttaanggtan	tccttttncg	gatccattta	nccctttnc	atttttgnnc	780
ctacntcatt	taacnttnn					799

&lt;210&gt; 4500

&lt;211&gt; 794

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (794)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4500

ggtgnnttcc	ccctttgaaa	ccctttanac	aagctacttg	ttcttttttg	aggatcccat	60
cgattcgaat	tcggcacag	ctntntcccc	cctatnaaat	ttgcaacaat	anaggggtgga	120
gggtaactcn	tnctntccta	tactgccaaa	gaatgtgagg	aagaaatggg	actctttggt	180
tattttattga	tgcgactgta	aattggnnca	ntattttctg	agggcaattc	ggtaaaatgc	240
atcaaaaagac	ttaaaaatac	ggacgnactt	tgtgctgnga	actntacatc	tagcanattt	300
ctcttttaaaa	ccatattcaga	gatgcataca	aagaattata	tatnaagaan	ggtgtntaat	360

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aatgatagct atantaatna ataattgana caatctgaat cccttgcaat nggagggnnaa 420
ttatgtctta gntataatna ganngtgaat canccaactg aaaatnctnt ttgcataatnt 480
caatgtntcta aaaagacacn gttgctctat atatgaagtg aanaaangat atgggnagcat 540
tntatagtac tagntntgct ntaaantgct nngtaaatat acaaaaannnc tagaaagaaa 600
tatatatanc ctngtnattg tattttgggg gagggatcct gggataantn nntatgntcn 660
tngaatenct tctggngtct tcacattttt ctaccannga atttaatcna atagtaaagt 720
tgttggnaaa aantcaaagn tnggatttag aaagatncnn ttcttgaaaa nacctgcttt 780
tggtaaatga aanc 794

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<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4501

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tggtttttta gggttggnnt tcnatnngn ctaangctgg gctcttggtc ttttngcagg 60
anccctcgat tcgaattcgg cacgagatga gaaccagaac aagtctggca gcgaggccgg 120
cagtcgccgg aggccacnaa gacagcggtc agatcaggac tcagacagtg accagccatc 180
cagaaagaga aggccctnec gttctgagca gtctgacaat gaatctgtgc agtcaggagg 240
aagccactca ggagtttctg agaacgactc tcgcccantc tctccaagtg ccgaatcaga 300
tcacgaatcg gagagaggat ctgataatga gggttctggc caaggctctg gaaatgaatn 360
ggaaccagag ggatccaaca atgaggcctc anatagaggc tcanaacatg ggtcagatga 420
tagtgactag gttttatttc atcaataagc ttcactctctg gaggaaactt ttttaataata 480
tgaaagctgt gatcaaaatg tttcacatgt ttagtcaatt gtgaaatttt tcttaangca 540
attntctttt ctatcanttt gtatattact aanccccaag agacattttc tgtgctagna 600
gtccaatatt ttgagtctct cntgcanatg agacttattc ttttgnggta caatttcccc 660
tatcatatgt gaaaaactgc tntntcaaat ttanccctta tgctananntn attcctacna 720
nannttctnc ctgntanctg tngctacaan nttntattnt ntttttnnt 769

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<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1338)

<223> n = A,T,C or G

<400> 4502

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agggngngntc tttccacccc ctttggttgg aaaacccccc ttttgaanta ccaagcctna 60
ctttgggtgtn ctttttttgg ncanggnaat cncccaatc cgnatctnc ggnaganagn 120
tcccnacaca ctaggcagna cacanatctc atcaccaata acnngttttt tatcantatc 180
nncncanncn ntcnncneca ntntnecgng tangntgtcg acaantntn tncnctnta 240
aannnnnncn tntactatna tcnatngtca tcntcanena ntntctntnn ctancgnann 300
nnntnctctt nnctantctn actnngnnnc anntnnnnan atnnnnnctn ctannaacan 360
cacnnngnta tntnactnnt ntnactnttg ncnctnannt nnnantncta tncantnctn 420
ncattaacat nnncccnata ncaannntna ccnatcanat acntttttnn ganacnnann 480
nancnntctn cttncnntnt ncctaacnnt annnantctn cngnnntttt aannctttnn 540
tnactnncac tactnatata ttnntntann ggntccanna aactnnagtn nnnccntana 600
ctgatnnnna tnnntnctt cnnctattnc nnnngtantt nanacnnacn atcatnntt 660

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ttcatnnncnc	nanttnecggn	aatcatntgt	antntaanan	naanteetan	nntcgnncct	720
cttcncttnc	tegnnnntnt	atncactnnn	atnanntnac	taccactnct	ntatntcata	780
ccagantata	natnttnaaa	tcnnntnttc	ncnnancnnt	ctctcncnan	gcnnatcgac	840
nnnnantcan	tttngtncan	tgaactaant	aaaantgtct	nttctatatc	nncagnnat	900
nntntnataa	atactctctc	atnnatnntn	atnacacata	tntntncnca	ttctcctatn	960
atctgnatat	nntcgtcncn	ntctcngana	cnnncactct	atgatatnnt	ntacncacta	1020
tatntacnan	ngtatgntan	gnnacatana	angcttaaac	tnnanangna	tacgacttca	1080
ntatncata	taacncctcg	ntatgcanan	aatcgnactg	ttaatgaactn	gtatntcgat	1140
acncctctan	angcntnngt	atacntntng	gtcnnncanan	cttcatntac	nctngtantt	1200
atgntatata	tangcacnga	nnncnngnag	anacnanta	cacccttata	nnttacnana	1260
nntatatntc	taatnngncc	tctntnactc	tcnacgntan	gnnnnactgn	tatnttcaca	1320
cntaantatt	ataatncg					1338

&lt;210&gt; 4503

&lt;211&gt; 884

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(884)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4503

cncnntctna	tnggggnang	tnggtctntc	ctacctcttt	nagganaccc	tctcgcctaa	60
nancnnggct	ggggcggaatt	cggcacnagg	gaatggatat	tnggggngga	gantannntnt	120
nnattncctt	taggatcngg	cactgtggag	gaacttttga	aattgtnacn	tgctcacatg	180
ttgnacatgt	gtntcggnan	gcnnacacct	ncacctatcc	aggangcnca	nggcngatta	240
tcaataacaa	taacagacga	cttgcccaag	tctggatgga	tgaattcang	aatnatcntc	300
tatatnattg	ctccatgngn	tacaaaggtc	ncattatnna	tatatatcnn	cnnnanatgg	360
acttnaacac	naacntcaat	gcnaaccttt	tanntgcanc	ctncanactn	tanntnctga	420
ncntntantn	ccacnncnnt	ntanctcana	gggaganana	caaantnntn	tagcnnttcn	480
aannctacat	atcccagnnt	cnaaaagagn	ntgnctannc	tggaattntt	taatggccan	540
nggtctgggg	ngtaaatan	ngatcantcn	ttataactgc	ctacnctnna	cnttcncaac	600
attatgaacc	ntttgctnnn	cgaantgnnt	tcccaanncn	ttaaatcgng	nccctntcac	660
cnaatggcnt	caaanatgcc	caancnancn	cttnaaaaac	gnnctncccc	anactttttg	720
gngcantntn	tgacccccca	ctnggaantn	atttancatc	ccccnagtct	accccntttt	780
ttggaaaccc	nngcnaaatn	caatntggnc	cccttnnnna	acttnnacac	cccccccnch	840
aaancaantg	natttnnncc	cccnngctct	tncncnccac	nnnt		884

&lt;210&gt; 4504

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1050)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4504

tgggtggctn	gggggnnnnn	nnggnngttt	ttcttnnnnt	ngtntgggng	gncctttttac	60
tcgcccctaa	natcaganat	tggggtnngg	ggggggnntg	gctcgntacc	tntgnnttct	120
ctnagaatna	gtgtntttgc	tnnntngtct	gggggnatttc	nccnnttttt	ttctnngggg	180
gntntnnnnc	ntnggggggg	ntntcntgng	ggcncnntgn	ttgctancct	nnnntngtnt	240
cnatgntntn	cnttgntntc	nnactttntn	ttgtnattnc	ttatncactc	tctncnttnc	300

nataatctcat	gttggtgnet	ttcattttnc	nchaagttcc	cnntgntcna	tntttnttat	360
ncncennntt	tntgctntcc	ttttntnnta	nagtgnact	ntctngttnt	tnenentntt	420
tacnnanntt	nettnntant	tttncenttt	tntttccnnn	ngctgtnnan	tngggtnent	480
engenttctt	ctcccgnctt	ttctcaatcg	ttcctnnctt	ntctnctntt	gngnccctgt	540
tnnatTTTTnt	tnntntnccg	anctenttac	ntcctctctn	gtaattntcc	ctnctaateg	600
tntgcegnnt	ntcccttna	tnntctttng	ngatnctntg	gnatctcnnt	tccttangtc	660
tatntgctnt	ttgttccnta	nangcncta	ttntgtgncc	tctcnegntt	gnggttctct	720
gtttgtnnng	cnncctgtcc	tcttaaatnt	tgctctntgn	ttncannngn	cntttntang	780
gtctntngnc	ccttnttnac	cnactttgtt	atntatccgt	cnntcggtna	gttcnnncna	840
tgctgTTTTt	ntngcnctan	tgtnccctgt	tctctntntg	nnctcnntnt	cntcggtntc	900
ncatgngnc	tatgttnntt	tnctentntc	tttccattnc	ngcgnnaccc	cctttntctt	960
actnttnatc	ttctnatnac	ctntntntnn	ttctntttag	nntntntnnc	atentctngn	1020
tgTTTTntct	tcnnnccctt	ctnntgngnc				1050

&lt;210&gt; 4505

&lt;211&gt; 1421

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1421)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4505

nttgnattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttcccta	aaatggcttn	60
gtggagcanc	tctnnntntn	cctctganac	atcagaanat	atgggggntn	cggngcnnnc	120
nnntaccacc	ncantncnat	gctagctncc	nncgncnca	antctncnng	accnncggnn	180
cgctcttttt	gttntengan	tnnnaacctg	tnnancccan	ntnactctan	nnentnnngn	240
ctntgngcag	ctggannnnn	ncnacnnnna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagach	cnnnncctna	ttcnnttgnt	ctcaagttna	tnctnctncc	cccnncncca	360
accaccnncn	ancacctggn	gcccccaann	catnccnca	ncactancan	ntcctaacec	420
tcancntnnc	ncacncaan	nnctnccat	ncntntcngc	ctcctnccnc	acatnttcc	480
acntttncat	ncntcccaa	naacttntnc	tnntcccnac	aaacacngcn	nnnnnnccgt	540
ctcnntacnc	acnnccntnn	cnntantcnn	tcganttccc	cataatnctn	tnnancnngn	600
ttcncnctn	nattccctct	ccctagnact	ntctctctcc	ntcnttatca	atcnnnccca	660
nccccatcat	cccctcnnnn	cccctcactt	ccttctntc	tcngacactc	tctntntatc	720
nncacnacnt	anagctcata	tnnccactcn	cantatnnat	cccttccctn	ctactcnnta	780
tatctcnaca	cttcnntctc	ncacntacct	nngcgnctnc	ttntctncac	nannntnecat	840
ttctncaactn	cantntccta	ttentctttn	nnncnanatc	tcacnnnctc	ttctcgcncc	900
tgtnacacnn	ttcnentnnc	cactnccctg	nnnatnnnnn	tnctntntct	cnntntnact	960
catntntcat	atacncatc	tantatctnt	ncnnctcnnt	ntntctttcc	ncactccntg	1020
cnaccctca	tnactcnnc	ctantctcac	anntcnctca	cnetcancnn	ccncacctat	1080
atcactncca	tntctctnct	cacgtttaca	ctactcacac	tcnactnnnc	atcactcntn	1140
nttcnncnnc	tangtncnnc	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntccncacna	tcactctctc	acnncctnta	nctnattacc	nntcactctc	ccctcannac	1260
cctentccgc	tctnctcata	tctccnnngn	ctcatnttct	acatntttca	ctntatange	1320
tcctctcact	nnnnncnca	ctatacgtat	atcgaanaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctccnnc	tnccccacat	tntaccttcc	t		1421

&lt;210&gt; 4506

&lt;211&gt; 952

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(952)  
 <223> n = A,T,C or G

<400> 4506

ncttttttct	atagngcnnt	tnttgggggtc	tttcttttcca	nanancgtgt	nnctcctcct	60
cncctaaana	gnnaggctgt	ggagnncaga	ccnccnata	gacacnntan	atncttaata	120
annnnntgatt	ntntgccaga	ngcnctctgc	antggnnacng	tnnggggngg	gtgaacacac	180
nctcntgcac	ggntatcnag	ancagncttn	actnatnctg	gactacaatn	atgtgagata	240
acacanacat	tanntnnaan	nnananactn	tattcnttnt	tnactaganc	gntcctneca	300
tnngaattnc	ctcctcctna	ngaaactagc	atggatgttc	acattcaagt	gtgggggatnn	360
ttatcaattt	gctatttnat	aaaanatacc	aanntntncc	ctntncaana	taattnnct	420
cngatatatg	gtccatccat	ttantgaaan	gctnttcncc	ctttcaaaan	gatacnnatn	480
angncanncc	cngtngcett	acttggctna	ttaaactnna	natcantctt	gnncagatng	540
gngtnttcca	ccannntttt	nccnnaagcc	ttannntacc	taacctcnct	gntcctccaa	600
gctnttcccc	tttccaaccc	tcacgcctn	tcncaaaaag	tccttttnc	tactctcnnt	660
ntttcgaann	tccnnaattn	taccccattn	ccnttcccc	nctagccent	naattntanc	720
cntttncctt	tatcntcnnc	tncaactttt	gtntctcnct	nccctcatac	cactttttct	780
nnnatcncca	ccccgcnnt	cactactcat	cagccccctc	aactnctnnc	ncatnanatt	840
ttnacnctnt	cantcccttt	ctntnnccnc	tctntntttt	ctcgnaacanc	ctccactcnc	900
ntctatcngn	cnttttccnn	nnentntctc	cganncnntt	netcctccca	ct	952

<210> 4507  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4507

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gaaggggttaa	ccccctcacc	cccgggagtg	gcccaggggg	agagaggcta	cctganggga	180
angaagcaca	aaanggaccc	gctgcagact	caggggcaaan	ggaatgccat	cngngctggg	240
acctgtgagc	actacangag	gaaacgcaag	cntggtggna	ctggttccag	ncacacaggc	300
aaagggcaaa	agggttggac	actaanccnc	aaagntactt	gggttccctc	ttcttctnnt	360
ttgccttttn	ctgctnctnn	tncatganct	ccaagtccct	ntgnttgccg	gcggcagcan	420
aaagcccgtc	atttcgggcg	tttcccttaa	ccnancgnt	ctgctttttc	atattcttnt	480
ggcgggtcaan	ctcacgctgg	ttaccgcggg	tnatggctac	ngcagcggnt	ccaacctgct	540
ccgttacgtn	ccctttgttc	tgctennact	tnangtccc	nccccctntn	ncaacgtacc	600
cacagtcctt	cctttttctc	ccgccccctc	gcgccccggn	agcccnngtc	cccatttgna	660
caataaaaaa	gcacctntga	ttccacgnet	tcnngccttg	aatccccctng	tctnttaaan	720
ngncnnnaag	ntcccncaat	cctnnaaccn	ccnncatctg	ntgaancccn	ngncctttcc	780
cntnnngnt						789

<210> 4508  
 <211> 1454  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1454)



&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4508

aggggggngg	ggggnnnttt	ttnggggncc	nnccccccctt	ttgtnttggg	gnaaaaaaaa	60
cccccccttt	tttngggggg	ggaaaaaaaa	ngggggccnnc	cggttngng	gggaaagggg	120
gntggcngnn	ggngggggnt	cgnggggnng	ngngnngngg	tggtngngng	gggggggggn	180
gtgtngnggt	nggtggnnna	ggnnngggag	gtgnnggggn	ngggaccncg	gngggngngg	240
agngggnggn	nntgtngngt	ggtttttttt	tnccngngnn	gggggnnnna	ggggaggggg	300
acggggggng	tgnggtnggc	gngntnngtg	gngggggggg	gnngtntggg	tggggcntgg	360
gtcgtngngg	ngcnggtggg	ngncggcggn	gantggngtt	ggcngtngng	gggggtgcncg	420
ncgcnnngng	nagnggggcg	tgggcnnngg	cngncngca	cngggggggc	gtggggcngg	480
gggncggngg	tggtgnnggg	ggcgagnggg	tggggggggg	gngnagnggg	agnagngggg	540
ggnnnggtga	gggagagggg	tggggngngg	gnnttntngn	gggggatggt	nggggggcga	600
nnccgngngg	nggggggtgg	tggtgggnnn	gggagngnga	gtggngngtg	ggnggtngng	660
gtgngngngg	gggtggtgtg	gtgagcnggc	gagnggtngg	tggtngnggg	gnggnngggg	720
gtgngggctg	cgtgacgntn	ngngagaggg	tgngagngng	ggngngagtg	gtngnggtgtg	780
gngacgtggt	gtgtgggtgt	nngtntggnt	tcncgagngg	ngggnggtga	gncnggcntg	840
gngnntgtgt	ngtggagcgt	cngngcgtgg	ngngngngng	cngncggngg	tgggannatg	900
ggngacngng	tggtngngng	gtgtgngcgc	gnnggtgncg	gggacgtggg	nganggggtga	960
gcgncggggg	gaaggggtgg	gagttgtgan	ngngnggana	tgngannnnng	tggtgtgtng	1020
tnngaatgg	gcgancgnat	ggngtgccgg	gcngtgnggg	gcgtgtgngg	nnntaggggt	1080
gnccgaggtg	ggggngngng	nggtgcgggg	gtgtgggtgt	ggtggngngg	cngacngcng	1140
gtgnttngng	ngngnggggt	ggtcncgtgt	ggggggacgc	ggaggtgngg	atgcnnngtn	1200
tgctgtggcg	ggnnngngcg	gngcgagngg	gcgnanagtg	gggggtggnt	ggtgtgtngg	1260
gnggtgnggg	ggggngngng	gnntgtgccc	ggnggcgggg	ngcggcgtn	gtggtcgggg	1320
gggggggatg	gggncngngt	gcggggngng	nnngagtgnc	gacgnngggg	gcggngggan	1380
gggggtnggg	gtgtgngtgg	gtgtggggcg	gngcngnggg	ngnggagcgn	ngggngtcng	1440
ggngganggg	tccg					1454

&lt;210&gt; 4509

&lt;211&gt; 895

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (895)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4509

tttctaatta	tcangngngt	cgnnactnnc	nctananana	taggccttgg	ngaattcggc	60
acgagaactt	cntnaantgg	tgtnntncac	cnttngcaaa	caggntntna	agatgtgcnc	120
tttgggnntg	ctntttgggn	acatacatgn	ncnttacngn	tatctntang	nnaactcna	180
aactntctng	aatttgnena	cnntgcnatn	tattgtgtga	agcgtgcac	tanctcacgt	240
ttaccantaa	nggtncatt	nncccatctt	attatntncc	acttataagg	ctcaaaaagaa	300
nttgtcccca	ttccggccca	anacacnctn	tttagnttga	atggntgaat	tggaanaca	360
tgaanntcaa	accnattanc	cgnaactggg	cancnatccn	caanggcctt	cntacctgga	420
ncttgttnaa	ggtgggaanc	cnttccttag	gttccaaaan	tggtancatt	ttaccttggg	480
cnnggtcatt	aatttnatct	ataacnaagn	ggtcnatctt	nttntctnat	gaccccatcn	540
gtgaaaaaat	tnccataatc	antaacccca	ancntgtctc	nttaattcca	agtcctntng	600
cctnnaang	aattncctt	nnnanaann	ctnngatctn	ntnnnttnca	agcangnanc	660
nnggccngc	nttngggnga	anaaatnccc	ttgnttnaan	cacanttnca	nnccaaggtg	720
tncaaaaaat	ntcctgnaaa	tcttntttgg	cnnnannggt	cttttaccen	tanccenttc	780
ccaattggga	atcacttgca	antngancn	ngtgccntta	gantttgggn	nnaaatnggn	840
ctaaacctcn	ttggnnntnt	tctctnttcc	gcnnnggaca	atccttnncn	anacc	895

<210> 4510  
<211> 779  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (779)  
<223> n = A,T,C or G

<400> 4510  
tggtnnnnnn naggttgggn ttttcaattt tntctanacn ccngnctctc gttcttttcg 60  
caacaancnn gcgntcgaa ttcggcacga ggnnncccg c ngatcagnt nttctnnnac 120  
tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180  
gganncnngt tcgcngnant aaaanctggn catnnngang nctgancnt tncennaaag 240  
gntangtcca ntgnnnctga tcanenncaa ntacncagnc aganatccaa anaccagtna 300  
tatatgtnc nttgtctcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnnct 360  
cnngaactnc ntncnactt cttncanntn gtcnngnaan ncnttntnc atctnagctg 420  
gcacatgaga gtacctntct gctatgccag aagtatgaca ccaccaggtn atagtctcta 480  
cgacctttac cactgtgact gattgagtgg tgtgagaatg agngactncc atnngattnc 540  
ncatttncca tccatctagg ngccactctn tnnngcatnga ttctccctg genaccnaac 600  
tctnngantn ggatgacttn tcntnagant ngattcttaa natcnngaan ttgatgatnc 660  
tacttatacn gnnattttgn cctcnngna aangcattga agtnggttan ntaaaatagn 720  
naacnacccc anttgccaat ttncaaaaac cnccaaagcc tnaccccgng angggnnnn 779

<210> 4511  
<211> 10  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (10)  
<223> n = A,T,C or G

<400> 4511  
nnnnnnnnnn 10

<210> 4512  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (755)  
<223> n = A,T,C or G

<400> 4512  
ngtntatagc ttntaatgc ttctnancga attcggancg agagaagccn tgagcagcaa 60  
agtctntcgc gacacctgt acgaggcggt gcgggaagtc ctgcacggga nccagcgcaa 120  
gcgcgcgaag ttcttgaaa cgggtggagt gcagatcagc ttgaagaact ntgatcccca 180  
naaggacaag cgcttttcgg gcaccgtcag gcttaagtcc actccccgcc ctaagttctc 240  
tgtgtgtgtc ctgggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300  
catggacatc gaggcgtga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360  
caagaagtat gatgcgtttt tggcctcaga gtcttttgat caagcagatt ccacgaatcc 420

tcggcccagg	tttaaataag	gcaggaaagt	tcccttttct	gtnacacaca	acgaaacatg	480
gtggccaaag	tggatgangt	gaagtnacac	atcaagttnc	aatgaagaa	ggtgttatgt	540
ctggctgtan	cttgttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca	600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa	660
tgttcnnggc	cttatnttnt	caagaaccnc	catggggcna	agccccaacg	ccctttnttt	720
aaaggcncat	ttggaattaa	attcntnttt	ncccg			755

<210> 4513  
 <211> 1166  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1166)  
 <223> n = A,T,C or G

ggagnttacc	ccttnnnngaa	acccctttat	acangctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggctacttg	ggaggcnaga	gttttngaga	atggccngaa	120
cccangaggc	cgctggatnc	gggngaaggg	ctgttgngga	tantntanga	tcttgntgaa	180
tcccactcca	ngananctan	nttnatnnga	ccttntcnta	nnnttantgn	ttncatatnt	240
nactcaanat	ngcaattgga	tntattnatg	cnnchnantc	acttatcacc	tngatcatnt	300
ggaaacnaat	aannatctcn	annangatcn	gtcanttnta	atantgngga	tcaacnntnc	360
ctctcntnnn	gggaatntna	ncntgggtact	naccnntttt	nntaanacca	tcttnnccat	420
tnacnnncna	nngcnannan	annanatnta	attnaattnn	ntntanccaa	gatccatcna	480
cgttangaat	tnttccccat	ngnggaattn	gcaanaacaa	tntcnnganc	taanaacaat	540
tcngccnntn	nacaaatcnn	ntnnanncan	nanncgccan	tntaatgntc	aantncaaan	600
cngcccngca	cgnanagatn	natnannnct	ctnantctct	ntnanccanc	ccatacnnat	660
tcgatanena	tnannacntg	gacntnctct	nnatcgtnnn	nacgteaten	ctaatanccct	720
ctcgtcatac	gcnnatgac	nngncctcta	acgcacnaat	angngcgata	tgatcnanat	780
attaagtctn	tantagtgc	ancnctanan	nacnatggcg	nnatcnantt	naatgtatgc	840
gnccangtaa	nctncgcgtn	cncatagntn	nanncnctnc	tcennannat	gancnngtaa	900
natgtntacn	gnactntctc	acgnnattnt	cntatanagc	cgcgcenatn	cnancaantn	960
nantanntcn	tatnangatn	attacntcgc	ttntncnacc	ncnaatacnc	ngnatnnana	1020
acatcngent	ntgnngtctg	ngntgannaa	ctcncannna	catntcnatn	acacnncgta	1080
nnnnanctac	cagctnntac	nntaatgatc	tcannnnnncn	cacatnanat	ntatcatntg	1140
acntnctacc	attnacnnag	ngaccg				1166

<210> 4514  
 <211> 1185  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1185)  
 <223> n = A,T,C or G

ggnnnnnggg	gggnnnnnnn	nnngnggggn	gnnngngngg	nnnnggtttt	nggggggggg	60
gctnttggtt	gggaaaaaaa	cccccntttt	tngggggaaa	aaaantggg	cccnnnnnnn	120
nnnnnggggg	gnnnnnnnnn	nnngggggng	gggnnnnnnn	nnnngnnnnn	nnccnntgg	180
gggggggggn	nnnanngggg	gggnnnnnnn	ccccnnnnn	nggggggggg	gnccnnnnnn	240
naannngggg	gnccnnnnn	nttttttttt	ttgggggnnn	ccnannnggg	ggggntntnn	300
ncccnngggg	gganancntt	tnnnnnnnng	gggggggggn	nnnngggggn	nnnnnnnnnn	360

nnnggggggg	gnnnnnngnnn	nnngntnnnnn	nnnnnggggn	nnnnnnnggg	ngnnnnccnn	420
ntntngnnna	nnncccnnnn	nnnnnnnnnn	gnntgnntng	nnaaannnnn	ntggggggnn	480
ngggnaacnt	tnnggggggn	ggngnnnaa	nnnnnnnnnt	tnnnntnaaa	aagggggggn	540
taggctnggg	gggggnttaa	aannngggng	ggnggggggg	ggnnnnnnntg	ggncggggnna	600
annnnnccnn	tttngggggg	nnngggggag	gggggnnggg	gggnnnntnan	gggggggggn	660
ngnnnnnnngn	nggggggnng	ggggggggnn	gnngnnngnn	gggggnaaac	gggggggggg	720
gggggggncgg	gnnnnnngnn	nnnggggggg	gggggnnggn	annnggttgg	accggngggg	780
gggggnggng	nggggcccgg	nnnggacnnn	ggntnnaggn	gggggcnngg	nnnggggncn	840
gtttgnnana	aaaaaannna	aangtggggg	cntntgggac	nnntggggggg	ggggggnttn	900
cgggggggggn	cccggggcnn	gggggnnnng	gggnncnnnt	ggggnggggg	ggntnggggg	960
gnnanancgn	nngnntnggg	naaggggngg	gggggggnaa	aaaaaanggg	gggnnnngnnn	1020
nnnggggggg	gggaaaaann	ngggggggga	nggggggnnn	nggggggggn	nnannnnngg	1080
ggggnnnnnc	ccnnnnnnnn	nnngggnggg	ggggnnngnn	nnnnnncnng	ggggnnnnnn	1140
nnnnngnnnn	gnnnnnnnng	gggggggggn	nnnnnnnttt	tnngn		1185

&lt;210&gt; 4515

&lt;211&gt; 1142

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1142)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4515

ccncangggg	ccnaacaan	agggncncnc	nncttctntgg	gncaggggga	aancccccctt	60
ttggccnaaa	aaacngccct	ttggggggggg	aaagggnnggg	ccgggnncnn	nggggcccann	120
gggggggnccc	canaaaaaaa	acnnnncccc	ccnctntncc	cccctnnnnn	ccnccnnnnn	180
aaannaaaaa	agggggaacc	cancnaaggg	gggggccaan	anggggggga	aaantntaaa	240
agggggggcn	cccccaaaac	cngggggaaa	aaaanncccc	caagggggga	cccaaaaaaa	300
nnnnnccnaa	accccnttgg	ggaacccaat	anccccgggg	naaaaccccg	gggaaaanng	360
nnnnaaaaann	cnngggcccn	aaaaaggggg	cccccccnna	annntncccc	acaaaaatna	420
aaaaggggccc	accntttnc	cgggaggnaa	ntccaagggg	gggggacaag	ggnnanttttn	480
gccggggggga	aaaagggant	ccaccccccc	ccnaggaaat	caaggggngg	cggggaaana	540
ggangggcntn	acccaaaacc	cccgggggna	cggnggccng	ccaangaaaa	agagaangna	600
ntntnnaaac	ccgggggana	aagngnaanc	ncgncgnnan	nggaagnggg	ggngcccccc	660
ccaaancaaa	angncccccn	agggggcccn	naacnggnaa	cncnnggggn	nnaaaggggg	720
gccnaaaagg	ccccggggcc	ccaaanancc	anaccnnag	nnngnnaaac	aaannnccaa	780
acccttgggc	ntntgggggg	nggcaaaaacn	aaccccccg	angggggaaa	aaaaaatang	840
ggggnaaaaa	ggaaacaaaa	anctggggcc	ngggcnggna	aanggnctga	accccccg	900
aaaaccccaa	ncangncngg	gggaaanaac	aaggcnatgn	ngcccaccgg	cggccccang	960
ccccaaancac	ccnnntagnn	tnctcccccn	ngaanaaaann	acncgcaccc	cgggaaccca	1020
aaanngggaa	nagccnncgg	gggccaaagg	gnncancggn	nangcnccnn	ccnccccggg	1080
gncannnccn	anacntnccg	ggcnnaaacc	ccccaaanga	anccggggga	aaanaagggc	1140
cg						1142

&lt;210&gt; 4516

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (741)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 4516

cacaccncaa	angcacnnna	aacnancacn	angnccgaaa	cgaccennaa	cgcgcgcgcc	60
acnncannnn	gacgcggnng	aannnnccgc	gnaaaagacg	nagcganaan	caanacanag	120
cnncacaaa	ncaccncnca	ccccccnccg	agtntggaaa	ccccnangca	aanaccacc	180
ccacgnacgg	cgagggaaac	ccaaccgggg	ccgcaatntc	gncnacncng	ggnagatanc	240
acnaaagnnn	nnccaccact	tnaattaaac	ccagcaaaaa	caccacacan	ggacacaggg	300
gggggcnacg	gganggcnac	ccgcannnna	cccacanaca	aaccggagnc	gcgncgccac	360
annacacggn	gcacnaanca	acaccccaag	anacnaaagc	ccncnanggn	aanagcccna	420
naacganncc	ancnccanac	aaccgaacac	acnaacgcna	cngaacaaaa	accangcnac	480
agagcccanc	gcannngnaag	naaagcccac	acaaanagca	cgccngnaac	nagaaagccc	540
aacagacnna	caacagaaacn	nanaagacaa	accccacggc	ncnncaanag	cccacganac	600
cacgnaancg	nnacccccaa	gcanaaagcg	agaggaaccn	nnncanaaag	ncgcgaccgc	660
ngcggngnga	nacaaggaaa	ncaannaaaa	aaangaganc	nccncacnag	cccaaanaan	720
cccgnnaaa	ccgcnnccc	g				741

## &lt;210&gt; 4517

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 4517

ggcanttgnt	cttttgenga	tcnctcggtc	gaggacnctc	gagagtnttc	atgtactagn	60
atggtactgg	ctgncnngcg	aatatctnng	accaattatn	aaanaaatat	gtgtagagta	120
ganataaant	ggtaactagt	nnnttatnag	aggggaagtn	ggntggnttt	ataaattaaa	180
tgaacattta	tgcggtcggt	tatttnnacg	taaaaatagn	tgttatattc	taggnaacag	240
aaatttagaa	acctattttt	ctgtagaaga	aagggtgctc	tatctgctnt	tgatntctca	300
gatatttgct	tctccttaga	atgctatgan	cagatntnta	ttagaatgaa	gttntctaaa	360
ggctttgatt	ggcatgagct	nnattactta	ttngcttang	ttaangatta	gccaataga	420
catattatct	ttatggacca	ttgcaaattt	ntctaanttc	taaccattnt	taacctttta	480
tatatgaatn	acnnaggaaa	ccatnnnatt	attataaagt	ntattcctgg	cncnntggaa	540
ngncactcaa	tnangtatnt	gttaattgna	gntaaatgat	ccccagtnng	agtagnnacc	600
tnncangttt	ccnnggggaa	tnctttntct	accnaccgtg	gggggnttac	ctctnnaaag	660
attgtttttt	nggttcccaa	cttnaccngg	gaaaantacc	ttgggaaacc	tggnccect	720
nnagnanaat	cntcgntttg	ggcnccactg	atc			753

## &lt;210&gt; 4518

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(972)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 4518

nnnnactana	nacatncaan	tnnntcannn	acnctcanan	nnaacannna	tacnncnnc	60
ananatnana	natnnctttt	caccacanan	ctcactnccn	tacacannct	cnacnactnn	120
cnaagnggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggnat	cgncctcat	gnaggnaacc	atcgcannc	240
ctnngatcnc	cncacagang	ttacatannc	actgttgac	cagcncagta	actaggtatn	300

tnacacctac	annaetcaca	ngtgcacggn	tntanngnnc	acntntaaact	gctcttcatg	360
cttncanggc	cctatnnang	aanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tntntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaa	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcacctc	gcttaanaac	aaggntctca	600
cnatcngncc	ataccctnn	tattaccna	gatgggaaac	ctctgnanaa	tgttgncact	660
ancctngact	ctantctctn	atatactgcn	nctntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgccn	gaaattagta	tgngnnattn	naggtananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	ncnccctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	caccangaa	accanaatgt	gntaancctc	nttncaacaa	aaatngnngn	960
ggtaagnaan	cn					972

&lt;210&gt; 4519

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(759)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4519

tnagnttttt	ttgtggggtt	tctttttact	aannngctgg	ntatcgttct	ttccgcagna	60
accntcgcg	tgaattcgg	cacgagggga	ggagagcg	ggggagccag	gcctcggggc	120
ctcggagcaa	ccaccgcag	agacggagta	cacggagcag	cggccccggc	cccgcacaac	180
ctgcccgcgg	gatgctccag	accttgtatg	attacttctg	gtgggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggccc	gatctagaag	accgagatgg	acgtgtctac	gccaaagcct	300
cagatctcta	tatcacgctg	ccccggcct	tgctcttctc	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggtgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tgcccgccag	gtagcgcggt	540
ggttccgctg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
anctngagat	tcacatttta	cctgattgcc	tttattgccg	gcattgcccc	tcattgtgga	660
taaaccctgg	ttctatgaca	tgaagaaagt	ttgggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttggt	actacttnat	ttaacttnt			759

&lt;210&gt; 4520

&lt;211&gt; 841

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(841)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4520

gttttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacncggtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaa	gnccattatg	cnattcanat	gcngcccntt	ctnangnggg	240
tgggncctnc	naccctntgt	gcncgtgcag	aactgannnn	gacggaccgc	ctcantcnc	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aagggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420

ttcccaggna	gctnagaanc	cgcnagattcc	tgaantcaga	cacagaaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcnaccn	ntgggggnac	cctttccatc	600
tgacccattc	nnngctctgt	aacttgacan	gntttntttt	ccgnatttgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaanaa	aaaagtttgg	720
tccggctttt	attcnattgg	tngggatggn	ggggggagga	naaccannta	aagggtttttt	780
ntcnngaate	cccnngggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

&lt;210&gt; 4521

&lt;211&gt; 938

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (938)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4521

gnnnccnntt	ctnnaagggg	gggcaggggg	ggtttccctt	tctnacagcg	agtgaggacg	60
tcnnantcgc	ccnaaacana	atagggcggg	gnaatgcacc	accagggaca	ctcagncctc	120
cnancggcgg	gcctngngng	aagaagccan	ngggctgggc	tgatgnnaat	ggtagnnnac	180
anngatccct	gggggcatcn	cngaccnnan	catacnagt	gnannanccc	ntnatnncc	240
tgnaaancnt	nntgnaggan	gcanttcact	gctccaagaa	cnetggtgcn	aacttgacan	300
annggctcca	tgccctgnag	cccgcctgna	tttgccggtn	ncanacagag	cacatccatn	360
ggggaaatgg	gnactnatcn	atntgnctng	aaaagnagat	gccncaatcc	tgacacnccc	420
accactcccc	atganacntc	tgcnnggatc	ttnagggacc	ccccgtaact	ggaaaaacncg	480
nggcctgtgc	cccactntaa	tgacacnangc	acncengagg	ggnggncntc	tcaactgngcc	540
cttgcctgnc	acnacgccct	ngaccgnncg	ccacctgang	ancgaaaccn	nagccngcaa	600
ccccnngtnn	cccancaccg	gcancctatc	cccaagcaan	nncctncccc	ccccctttta	660
nnnnccaaat	cgntccacc	tnanntnacc	nttcggcnaa	agtcaccggt	tcnnnnccana	720
gggcntnncn	ccnganatgg	cnnnatnnaa	cacctnga	an	naacnnnnct	780
tccccaaana	nctttnagcc	cttngccacc	ccnnccnngg	gggaancncn	cctncggctc	840
aaagcctacc	ttgnaaattn	cggncaanna	ggcccccnng	ntnttcnnnn	catactngcn	900
tccccnnngg	ggcccatnnc	cgaccncaaa	aggggcct			938

&lt;210&gt; 4522

&lt;211&gt; 1128

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1128)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4522

gctccacaga	gcggnntttct	nacngcaacc	ggacgccgng	naaccccngg	ngccgnaaaag	60
gaagggnggg	gcnagggcg	cncnccggcc	gncngaaccg	ggncacgana	cagttttttt	120
ncnaacacng	acnccgaaaa	natgcnnnga	gngctntncn	antnnnancn	nagagcgcca	180
nacgtngcac	aaangcngnc	ngccnagtgg	caccctnnc	gacantcccc	nagtntggag	240
acggncnaat	gacnanaatn	ggaccnngnc	nanngaacnc	ncacncacac	cnnnagngnn	300
gacanganng	gngcctaana	agnanangcc	cacnnntgt	gccacnntct	angngntnc	360
ccaggagnc	ncanncgana	cnaaaangcc	ctnngggnc	aacnggtggn	accngccaan	420
ctnggggnann	cannaaggan	gnntcggtaa	ancctngnag	gncngcagnn	anacgtcacg	480

cgnggcctca	ctnnacance	ctancancgt	nccanntngg	gntacactct	ccaaacnaca	540
tgagtctect	cncnnaant	ctcgggggng	nnncnncccc	antcatacnc	anccncgna	600
aatnaatata	ccncgctana	tnccggcaan	atctgcngcg	acaagannna	gaccncncta	660
cgactnntan	ccannctann	angggngcaaa	acggngcncn	cncagnaaga	cnccggcann	720
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	780
cacccttncc	ttgctntcac	gnggcatnna	cactacattn	agngggntca	cactcttcaa	840
aaggntccc	tggncncccn	tngaaatgca	ncnactcttc	ncnanngnnt	ntecnagcaa	900
accaanagnt	caaaccncta	accanancn	cnntccccctg	gcctgggnccc	ctttaaannt	960
gganaccant	cncctatngn	cnnccgggaa	aaaccncnt	agcccacaaa	annangctng	1020
gtgaagnnna	atggaaagnc	tatnctcaag	naaatcccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actcctntng	naccgggc		1128

&lt;210&gt; 4523

&lt;211&gt; 876

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(876)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4523

gnattatngg	cctaaatnnt	tgaagnttgg	tgatnctgcn	tnggggatng	tngttnccngg	60
caagcccatg	tgtgtacnaa	agcttctccn	actatnccgc	ttgncgggna	acaanntttn	120
ttgagataaa	acaannactt	tnccgnagngt	gtcaaatana	gctgcggacn	agaatgnnnt	180
tnccnctgnc	natgncncc	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	ncctggnggaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggta	gcaaacgact	ncctanatga	taanggtccn	360
gttannnaaa	ncttctngtng	gacnccnang	tgnantnang	gctcnnttng	gccttanctt	420
nacngcttag	nngnacntcc	ganttatng	gnncttcatn	tcaggggntt	gctttanngn	480
gacagntaga	ccgaagattg	gaaanngann	ttgggtggnc	cattggnccn	actnnngttg	540
ttccgnnana	nnctgggnang	nttgantngg	tnggaacnant	ttgnaccncc	ttggttttgn	600
gaccaatcng	ngcaaacaat	ggcaaaaatc	cncttctntt	tcctnaaaana	nntaanaatt	660
cttanggttc	ctggggggcc	tcctctcttc	tgcnccaacc	tttcnccaat	tannctttac	720
gntgggntnc	tnctcaccaa	aaaccnttgg	gganggtccc	aancnccnng	gggaggncaa	780
aanaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

&lt;210&gt; 4524

&lt;211&gt; 806

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(806)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4524

gtgntttcta	atgcttctaa	tngtttggct	actcgttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnggc	tggttnnacac	tnnggannta	120
nnntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	nttaattgna	180
cntnttgcaa	gnngnnctga	tnaaatacac	gacaggaggg	aaanctantg	cgcatagggc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnnang	gntggctggt	gagnnctatg	300
aactctggna	tgtattttccc	tttataggac	caccttgtn	atngtggata	aagcccctaa	360



agnaggatgn	naaagatgat	cngatccaat	acgttacnct	gacannaaan	nntgtnatac	420
ntcngctgan	caatctntcc	ancnnntnta	atatcgtgna	tcacctaggg	tgtatgatcn	480
taggaactct	gcncctncan	tcnggactgt	ccatcacnga	ctnntgggct	nctactgtac	540
antangcgna	gaanancnnt	cannctacan	ntaaccagat	tgggtgctgnn	anatgggtant	600
gcnnntttnan	cncacacgac	ncaataaagn	ncnncntntnc	cccanancct	ntnnaggggaa	660
gaaaggaatt	ttncatagtg	ggctcaatga	anggggtacc	cttggncttt	ntaaaaaacg	720
ttncatggnn	cctaccttaa	acctgngtna	actnananncn	nttngncata	anggggtctaa	780
cgncatatang	gggnacnnat	ttttnc				806

&lt;210&gt; 4525

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4525

ggnnnttctaa	tgcttttctaa	taccttgget	ctngctcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgaggaaatg	tgtatttcag	tgacaatttc	gtggctcttt	tagagggtata	120
ttccaaaatt	tccttgtatt	tttaggttat	gcaactaata	aaaactacct	tacattaatt	180
aattacagtt	ttctacacat	ggtaatacag	gatatgctac	tgatttagga	agtttttaag	240
ttcatggtat	tctcttgatt	ccaacaaagt	ttgattttct	cttgtattac	attttttatt	300
tttcaaattg	gatgataatt	tcttggaac	attttttatg	ttttagtaaa	cagtattttt	360
ttgttgtttc	aaactgaagt	ttactgagag	atccatcaaa	ttgaacaatc	tgttgtaatt	420
taaaattttg	gccacttttt	tcagatttta	catcattctt	gctgaacttc	aacttgaaat	480
tgtntttttt	tttctttttg	gatgtgaagg	tgaacattcc	tgatttttng	tctgatgtga	540
aaaagccttg	gtatttttaca	ttttgaaaat	tcaaanaagc	ttaatataaa	agtttgcatt	600
ctactcanga	aaaagcatct	tcttgatat	gtcttaaaat	gtatttctgt	cctctataca	660
naaaagtctt	taaattgatt	tttacagtct	ggaatgcttg	gatgntttta	aatantaaca	720
ttttatatatt	tttaaaaagac	aaancttata	ttnatcctng			760

&lt;210&gt; 4526

&lt;211&gt; 1236

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1236)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4526

tttgttgng	tttggnntng	ggtgggggct	tntntntaan	gnntgntnta	aatcggtgng	60
anagnccta	anatngaata	gggttngggn	ccatncnntt	ntcntntacn	nnnnncnct	120
atgcggnnnn	nngcctcann	ngnacttttt	tanatnattt	tttnncctcg	nnanngtnt	180
actancgtn	ntgtnttgnt	nctantccaa	natacatgga	tntgcccnnt	actnnnnacn	240
ntacaggngc	tngcccnngc	nngttcnann	nattancnna	ccannntntc	ntnnttncng	300
anagagtntc	gcnnntcntg	aaatgttanc	gccnctcgaa	cacnntnnta	tcnctancn	360
gttctcttgt	ctnntcctnt	anatgantcn	ganctttttna	atngagtnc	taatctcnan	420
ngntcttttn	gatcntntgg	tctttgnta	ncttnnaacn	tccttttngt	tangnanana	480
anccttcnta	aattnannca	anttnnttc	ctnnctaagn	anngnncctt	antnntntnc	540
ttnnantacc	ctnancnttn	ttcnancnna	tenttcncca	cngtntntaa	ntnnantnna	600
tttcaantn	cctnnctca	acnacntcaa	ntacanctc	ctctcnant	atcacaann	660

aannngcact	aanncgctact	atttctncta	nggntccnecg	ctatttnttc	cnacttntctn	720
ccaanannat	annntanaaa	atnntccttc	taacnttnecg	gctantctca	tctctnnctt	780
anntnnnnntc	agcgacanat	nnnnncnctnc	atatanatnn	ctcangtann	aanttctnta	840
tntntnccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntntttann	natacnaact	antntnctnt	nttntnatnt	nnnatatcca	cctntannnn	960
cantntnena	tanntctnat	tnaatcnct	tctacanect	annnnntcnn	ccntttntta	1020
ttcnctttct	gngnaatata	tcnatattct	ncntannna	attntttct	ntcnctctnc	1080
antataatat	tttngggggn	tntctnatna	tntnctctnt	aatttttncn	nnntnctntt	1140
annaaacctt	ggngaaatta	atctcttant	catntatnct	nnngggnatg	tacaccaaan	1200
ttnggttnan	nttntnttct	tcantnttaa	nnngnn			1236

&lt;210&gt; 4527

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(752)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4527

tgnttcta	anttgctact	tgttcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540
agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	catttataaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

&lt;210&gt; 4528

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(752)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4528

tgnttcta	anttgctact	tgttcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540

```

agatcagaca gaggactact gttcgaagat ttttgaaga atactgagaa cggcataaag      600
tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt      660
aagctcaant agttttttta ttattattat tattaaaagt tattcaggac tgatgtgact      720
ncngatttna gaacatgtgg taatagtnta nt                                     .752

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```

<210> 4529
<211> 1017
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1017)
<223> n = A,T,C or G

```

```

<400> 4529
gntttcgaat gctgggagag cccgatngngg ctggnnngcg cccaannaag ccctttggga      60
aaganccgng cnggttgggn gagnngccan ggggnagnaa agganannngn gnggaggngn      120
ggggngccn cngtttagng acagacncng gggagaaaac gggggcgcg gnccgagag      180
cgggngann atgnagggga ncggnnagnn nnnacagcng aaagggngcng naagngggag      240
nntaaggggn ncngncncn anacncgagn gtangggcnn gncagagccg cngaaganag      300
cgannccgga ggcncggggn gnggggggca tggccgngnn nnnngngnag ccnagtnagc      360
gggnagaggg nangggcgcg gggggagngg acngggggan gccnngcgga nggaatagna      420
gggggagggc nngngagggg gncgngaggg gggannccnn gcgngggggg nagngnacgn      480
ganacgagng nggccgggga ncgggaggnn ggggggccnn ggggcccgna cnggganggg      540
gaggngngng gggangggan gggggggcan ccggnacngg nngggngngg gggggcaggn      600
ggnangaggc gngaggnccg cgggngnnng ggggaannng gangnggggg ggnccnnggg      660
ngngngggga gngagagggg ganagggggg ngagccnggg nnnncagggg gnanaggggn      720
ggngnnnagg nggcgnnggg gaggagngng cgagnganaa aagngannng cggggnnnnc      780
ggggngnnng gagancagnn gggggggcng cgngaaggaa agggcggnnn agaggngcgc      840
nggggggncn ncggggagnn cnggacncnn ggnggggcnn annganaagg gnnngggngn      900
ggngggannn gnnngncggg gngnncgcgg ngngnggggg ggngnggggn acncnggnag      960
ngnnngnggg ggcncagnga ggggnnacac ncncgggggg nnagnnnnnc gggcgcg      .1017

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```

<210> 4530
<211> 810
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

```

```

<400> 4530
ggaaaggggg ngnnntttct aaaggngctt ttcaaattct tggctactcg nctctangta      60
ggatcccatc gatgcggaat tgggccacna ngnnaggnag ggnntgcang ctggnggtnt      120
cactgataca ngcacgcgng tatgcaaagg aaggaaggga gcttaatgcc angaacagat      180
nttgagttg gtgggtctc aataaangtt attttccact gaaaaaaaaa naanaaaac      240
tngggcctct agaactatag tgagtcgtat tacgtanac canacatgat aagatacatt      300
gatgagtttg gacaaaccac aactanaatg caangaaaaa aatgctttat ttgtnaaatn      360
ngtgatgcta ttgctttatt tgnaaccatt ataagctgca ataaacaagt taacaacaac      420
anttgattc attttatgtt tcaggttcn ggggaggtgt gggaggtttt taaattcgcg      480
gcccgcggcg ccaatgcatt gggcccggta cccagctttt gttcccttta gtgagggtta      540
aattgccgcg cttggcgtaa tcatggctat angctgnttc ctgtgtgaaa ttggttatcc      600
cgcttcacaa ttttcacacc anccattacc gagcccggga agccataaaa gtggtnaaag      660

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ccctgggggg	tgcccttaaa	ttgaagtga	gcttaacntc	cacaatttaa	atttgccgtt	720
tgcncttna	acttggeccc	gtttttccaa	ttcggggaaa	aaccttgtnc	gtnncccaac	780
ctgcctttna	attgnaatcc	nggcnnacc				810

<210> 4531  
 <211> 814  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(814)  
 <223> n = A,T,C or G

<400> 4531						
ntngnggggt	gagggtctac	natnnagngg	ggctnncnt	gctctccgna	ncagnccggc	60
ggngncgaat	tcggcacgag	ccaagnaata	cctnggtaaa	tnttctaacc	tnatantgta	120
tncagggttn	atggctcatt	tagnttgaga	gtgttaagag	actggagttt	taatccaata	180
ngngtgcctt	ttggttctca	gatatacata	caagctgtga	ttgtttagat	gtttccatct	240
ttttatatat	gcatatacat	attattattg	gtgttnttta	tttnaggaa	ctgaaagaaa	300
atgggtgaatt	gctgcctatn	ctgagaggag	aaaattaata	aatcttaaac	ttggtgcccc	360
actattgtna	gaaatatcta	attacattgg	gagcagntca	tgatntagtc	ctcagaaatg	420
gactaggaat	agaaaattcc	tgctntctca	gatacatggt	ctgtgtattt	ncaatgtcgn	480
gctaaatnaa	tgtatgttac	atTTTTTTTc	ccnccanaaa	aaataannaa	aaaactcnga	540
gcctcttana	nctatagcga	gtcgtattnc	ggnacnatcc	agacatgata	agatacctnt	600
gatnagtntg	gnccaaccnn	acctagaatg	caantgnaaa	aaangcctta	tttcccgnaa	660
atTTTgngan	cgctntttng	cnnaatttn	ntaaccctnt	tttaannccg	ccaaattaan	720
ccnattttna	cccaacnnnn	cnnaatttgg	cnattccctnt	ntctnacngn	ttttccaagg	780
cttccaannn	ggtcggnaag	ntcttttnga	aant			814

<210> 4532  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 4532						
ngaagnnnnn	nnnnnnngtn	ggctntctaa	tnctngcnaa	nngctggtct	actngnnntn	60
tcncantat	ccctnctaca	cgaatccngc	acgagcnatg	atgnanatcg	anatnnactc	120
tngttgatgt	atatatttta	tnnactctgg	aacagctcac	ncnctcanen	tcttgectca	180
nnacctggat	ngatnnccgg	ccncatataga	gcaacttcat	tgacagaantc	acctgtagge	240
ctgacagcct	naaanagtnc	cctttatttag	anagtantnt	gncnacttct	gatctgtnat	300
ctttatgtna	agcatgtnta	ttntgnacan	catatacttn	gantnctctg	ncctacngca	360
tatttctaag	tncttangnn	tataaattgg	ngtgtccaga	ncanccnnnt	taaatttang	420
ccngttntat	taataattga	ncctagatct	nntctaattc	taaaatnaat	cnatgtattn	480
cctgacctgn	tnTTTattca	atctgtttat	gggaaagcat	catgcancct	ttacaaatta	540
tnntntcacc	tctncaacngc	nagctttctn	nntcnnnnaa	gtnnngggcta	tctgantatn	600
gtccgcaccc	cttgacnnnc	tagntntecn	ttnaattatc	netggatata	ctgtggngcc	660
tagttaaann	nccatncctt	tcnangtgga	atngnggnaa	agcgccctnnn	ggggancatg	720
gantttcaca	aagcctcgaa	ngtcccacgc	ctngacgaat	gcaaattccn	angnttgttt	780
nn						782

<210> 4533  
 <211> 867  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (867)  
 <223> n = A,T,C or G

<400> 4533

nttttcnnng	ttgggngnnn	ngnnggggtt	tctaattgtng	ctaattggcgc	tggctactcg	60
ttcttncgc	acgcagnncg	gngnttcgaa	ttcggcacga	ggtcctnntn	ntttnttng	120
nngctggng	gnaactctnt	attnnantgt	ccgggnagaag	gatgggngtg	ngaacanggt	180
ggcncctgtg	cnngetncag	ctttcactcc	ggnggggntc	natgctgtcn	nggnccgcac	240
gnactgcan	gnncacannc	ctggcctccc	gaggcangca	cagcaagtgt	gacgggactg	300
gaagccnttt	ncacgacctt	gnatgngctg	gtcacgtcac	agtcantggn	tgccactcta	360
caggctgttg	gggatggntn	ancaggggna	cactgtgcat	nactaacagn	cacctgngta	420
tgtgntgnt	anacccggg	netggnnnaa	cctcngctg	ntcccatgca	ccacaagact	480
gccantgtng	anttgntga	ntccttntctg	cnnnttttcc	ancnatgana	antcctccc	540
tgcgggttc	nggaccngtg	naanantccc	gaagccctt	ngcatggcnt	nggnttgtgg	600
accnccccg	ccttttann	ggccttccc	ctanacggct	tgntancccc	ntttctacna	660
tcccggtct	nttcnncnt	ttccttcata	aaccgcctgc	gtccttncac	ngtcggnttn	720
ctcggggnc	ntcctctcn	ntggggngnt	tcccnccct	cctcaacct	ttngncccc	780
tggattntac	ctanngtct	cttnaaatc	tnnccaacg	gccccnctnc	ccnccgccc	840
ngncttnc	cgtntnactn	acnccct				867

<210> 4534  
 <211> 1038  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1038)  
 <223> n = A,T,C or G

<400> 4534

cccccttnt	gtagnccnnn	ccannngnc	tttctaaten	ngngngggcg	ctgganattc	60
naaanagacn	ngccgggcna	nttnggggcg	aggngnggng	gggctgnnt	tgnnctnnaa	120
antgnnngta	tcagnacntt	cnacgntcn	gancccgncn	ccatantang	ggccnngnan	180
accctggcca	acanntngcn	ccaccatgnc	tnncccncc	ttgacattnt	naacnccnnn	240
ctgaancnt	ccnctncc	ctaccctacc	accnctgtct	cnanntacan	gcttnagnnn	300
ctnccgctag	nctngcnnc	cntntatcnc	nanagnact	aactcnnntt	nnaccagnan	360
nnnacnncnc	nactctgect	nccatcggtt	ancctanntc	tactcnacga	taennenttn	420
acctcatca	catcattctc	tccctgatnn	ntnagtnc	caaactacnc	gcccnacacg	480
netgtgcntt	ggtncccca	acnnnncat	gnccnnnaaa	ntcttncn	cnctnngcca	540
nnccaccnc	naaccctnac	entatttct	ntctccctnc	naanaaacgt	taaaccnccc	600
taaaanatnc	cccctatccc	cnnaaancnc	ntaccacctc	nncggcnccc	accccnccct	660
cgnngacana	anatctacct	tccgncacna	caaaccatc	ctccanttnc	ncncacnacn	720
aatntncaac	tttanntcna	acctnnnccn	tnctanntcc	cccttcenca	nnccccatt	780
tncttttcaa	aanctccctt	anccnnaacn	tctccccctc	ctaactaata	tentcctctt	840
gcacantcna	centctaatc	atencaccac	tnnncatnca	ctccttcaat	ataccttttc	900
tcttcnnaaa	anttcnctn	tnencanatt	cctntcnntt	ctaactctct	entctctctc	960
cctnnanac	ntctctctca	ncggtctatn	ccacttctct	ntnctctact	ctctcncna	1020
netccaaann	ccaccct					1038

<210> 4535  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(932)  
 <223> n = A,T,C or G

<400> 4535

tccccaaaaa	aagaatcatt	nggttttggg	aaagaatacn	nantcagnaa	ctnttcnggt	60
gtgtggtgaa	aatgtcaccg	tgtgtgggnat	accctatctc	ctggctacaa	gacctgattg	120
aaaangaaca	gtgtccttac	accagtggaa	natgagtgc	tcaaagactt	tgatgaaang	180
gantntcang	agttgnatga	gctgcagaa	aagttaaata	ttaacatttc	cctggaccat	240
aagagacctt	tgattaaagt	tttngggaat	tancnttaga	tgtgatgcag	gctanagatg	300
aaattgaggc	cgatgatcaa	gagaagatnt	gattggccaa	aagaaccagg	aatcccggnc	360
cagattcgtn	ttnantgant	ttatagggnat	ggcancnttn	atggacnaat	aaacacttct	420
tcatttggtt	nttaacnaaa	ntgtncccnn	ttttgaaact	cnttngggat	gccanagggg	480
aggnnaaacn	ntaagnoctg	tttcccccaa	aaccngnant	anancggtnn	gtganaatat	540
ntataattgg	tngtcctttg	nnttctcttc	nngngngngc	anaaaanant	tnnttggncn	600
ntgcgntgtg	ngcncctttt	cnaaaatctt	ttgattngcg	gagngngnna	nnnnctctaa	660
ntgnntttcc	gtccctttga	cnncgaannt	ttgtgggnnt	ttgggggcca	ttatnataan	720
ttttttntna	gntcgggtgg	aaaaatagnt	cnccttctng	nnaaaanata	cnttctttna	780
ggntntnaaa	aaccnnaant	aagnnngcgg	ttanaaannt	gtnaannact	agagnntnnn	840
gnatncttnt	tgttntatnt	annnnnnngn	ttngncnggn	tnaaanttnn	gccnctncnn	900
atnttantnt	tatntaatcc	ttntnnggan	nn			932

<210> 4536  
 <211> 836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(836)  
 <223> n = A,T,C or G

<400> 4536

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gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcccttcc	tggagcatta	cagtggctac	agtatctctg	agcttcaccc	180
cttggtcaga	cagctgaaca	aactgctgac	tttcanttct	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctctctt	tgaagtcgcc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatat	attctatggt	cgaatttgtc	420
ttttgatcgc	tcanattcat	tttncctttn	nttgcttttc	ccaaactgnn	aatggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaattt	540
aattanaaaa	ttnatgggtt	attggttaaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	taaagaggtc	gnaatanccg	ggggnggcng	gaccatggan	aacaaacatt	660
tnctgaagn	tnccggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccctnt	720
tttgggaaaa	nttggggang	aaatgctttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	cccncaatn	gctttcantt	tatgttttnn	ggtccngggg	gaggggn	836

<210> 4537  
 <211> 1039

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1039)  
<223> n = A,T,C or G

<400> 4537

atggnnnnnnn	nnnnnnntttt	ttttggaaaa	aaannnncccc	ccctttttttt	ncctnaaaaa	60
attgggcent	tttggggcaa	aaantttngg	ccctncttcn	tnctttggnn	tnttgnnnat	120
necccnatt	cggnattttt	nccggaaaaat	ttccggggcc	naccggnagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaagggg	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgatttata	ttgcaagngt	ntcaaangtg	tcactgnnac	480
acaaatagaa	acactgccaa	cttgggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tgggtgcagtc	attatgcccn	naaatnntct	660
naaaatata	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnangnttt	naaggccttt	tccaacttta	nannnnnttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cccttnaaaa	aaanncttat	1020
ttngtctagn	aaacctnnc					1039

<210> 4538  
<211> 743  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(743)  
<223> n = A,T,C or G

<400> 4538

ctnnnccctcc	ttgatecntt	cctnctttga	anncatnngc	tacttggtct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120
agtgaaaaca	gacaaaaaca	acacngggcg	aatcttnaca	ccattntggg	tgcennatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcanntnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatcctt	tngtggaana	tagaatcaac	agaccacact	gcnctctgga	ccatgngctc	360
tcaaangngc	tagaagggtg	tgaccttttn	agactcttgc	agaagaggcg	angtggtgng	420
anaccctnna	ggaanacttt	cccgaactag	accnncnctt	ncngaacnng	ntcaactgtt	480
ggggngngaaa	ncntgtgann	tgtngncctt	cngagagacg	gcatattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngaen	tactgaaaga	aanctganac	caagcgctct	600
ccttaaggac	cettatatcc	agacnatect	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	centtaccgg	720
cttttcncat	tatgnaagag	ntn				743

<210> 4539  
<211> 849  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4539

cccnctattg	ccnnnacat	ggggnttttc	caccccgntc	acgtgggtggn	cgcccanncg	60
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtctttaac	anaganntnn	120
ntnnntagnt	cnattcantt	atnaccacagc	agatccttaa	tnnaggcccn	tatattnctt	180
acctnattag	aactntnnnc	aaanntcaac	tgnntnacct	taatgnntng	nagcacntnt	240
nacagnngna	cttaaaaactn	tanaatntcn	tnagnnnncg	ttattctcca	ctgaaggnc	300
ntccactgt	caccatttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	360
gnttgnact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	420
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	480
gccatctnnc	catgntacct	gcatnaagaa	nttcacntca	ctctgaaaca	tannatgact	540
gacntgganc	tnactaattn	ctgagaactg	nnnntcaaan	naccacttta	atngggntca	600
ncatnttgnn	acncttgnaa	tntaanntna	nnnaaagacc	nnnnttgant	ngccncatt	660
ttannttngn	ccataataan	ngngccacnn	ncctnaannt	cttcaancan	gnaaaagntt	720
ngcaacttnt	tacnacctct	ncttccccnc	tnnatctaan	atncnnnata	taccacttan	780
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttcc	840
ncantccct						849

<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4540

gnnnnnnncnn	cnnntgggng	nttgtggggg	nttttnaatg	ttgcnaaaan	gcctgggtac	60
tcgttctttc	cgcaanancc	ntcgggttcga	attcggcacg	agggagacca	tgcaaagcct	120
gaacgaccgc	ctggcctctt	acctggacag	agtgaggagc	ctggagaccg	agaaccggag	180
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccaggtca	gagactggag	240
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	300
tgcccgcac	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	360
gtatgagaca	nagctggcca	tgcgccagtc	tgtggagaac	gacatccatg	ggctccgcaa	420
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	480
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	540
gattgccagc	tctgggttga	ccgtggagggt	agatgcccc	aaatctcagg	acctnccaag	600
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	660
gacaagtact	ggtctcagca	gatttgagga	gagcaccacc	agtggttacc	acacagtctg	720
ctgagggttg	gagctgctga	gacacgcttc	acagagcttg	ngacgtncag	tccaatc	777

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



&lt;222&gt; (1) ... (890)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4541

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anttttanct tgaccccttc aannangatg aacataaagc tcttacgttc ttgaaaggat      60
naaacacaag aataagatgg ggtncagtg accagctcct ctacctgggg tcatggagga      120
ccgaagaccc tccaaccttg atgcctgtaa ggacaggcgc tncgtgaagg gatcagggtgt      180
aaagaatctg gccatagctc ctgtacaaaag cctctttgtc tgaagtactt ggggtgctctt      240
tgacggcaag agggaacaca acctgtccgt ggctgcttgg acctcaccac gggggctcaa      300
gtggacataa catctatattg acaggccctg gcantcacca ntgggggtgtg tgtggcagtn      360
gctgtggggg gtgagaatga ctgccaacag gcacttctca acaaatgacc tngctgtttt      420
acattggccc tgaaccaggg angaaagnag agggaccaat tgggaagcctt tgttnccanc      480
atttccttct taaaaaaggg gaganacaat tttaaaggca cngttgttat ggaatttggg      540
aattaaaagc aggaggcttc aaagggtggg tttcttgann tnaaaggaaac acaancccg      600
ngggggcttt tgnnggggttc naccannag nccttccctt ggggcangan ancacncaat      660
ttngtnncc tnatgccatc nnatttatctt gccccctttt ttnantannt tgggttnccca      720
agaaattaaa tnnntggtn tattaatttc attttgttng ctttnttttt tgggttcggga      780
aagntntttg cntananacc ccccccaaaa gaataattga attgggggtg ccccttgcan      840
cctatttgat ttnttttaan gccctgtnaa aaangncttc cccanccnt      890

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&lt;210&gt; 4542

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (770)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4542

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nggntccnt tttngaaagg nctctctttt aagacccttg ctacttgntc ttttngcagg      60
natcccatcg antcgaattc ggnncgaggn tggccaggan ggtctnaatc ctgancctca      120
ngaggnggng gantgagttt nagaanngcc tgtcgnangg agatttgggt agaagccctc      180
atgctgagct ttgtgtccct ggtgatgttg gaacattaat gatggaacat ggccaaactt      240
cagtcagat cctgaaacca tggcttcagg atcatgactg acgtcatggt ttcttccctg      300
ccagaaatga aggttcagtt atgaggcaac cctctagtaa ggcattgtaa aagttactgg      360
atttggttta ataaaagttg aaataaagtn anataanatn aaanaaaaaa ctngagcctn      420
tanaactata gngagtnta ttacntacta tccagacatg ataagataca ttgatgagtt      480
ttggacaaac cacaactaga aatgcagtga aaaaaangct ttatttgtga aatattgtga      540
tgctattgc cttnatattgt acncattntt aagctgccat anacaagtta tncaaccacc      600
nanttgcntt catttttatg ttttcatngt ncatgngnga ggntttgggt aggtttttta      660
atttcnngc ctntngctcc cantngnatt ngggccccgg ntcccnanct tttngttccc      720
ttacttgng ggggtaaatg ccnccctttg gngnnannna tggnnctacc      770

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&lt;210&gt; 4543

&lt;211&gt; 861

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (861)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4543

tngntntnnn	naaagnngnt	ctnctctana	gntgannttg	ntgntgaacc	cactntcccg	60
cannaancnn	gcgngncgaa	ttcggcacga	gcctantacn	gtagncttgg	agcatcacga	120
ttttttnnna	ngcntgcate	agtatactgg	aggacctnct	ngcnctgcng	gacanagacg	180
tecnacagaa	tnnnngaaaac	ngtgctcagg	actanannct	gaccaacacn	cgtgcacana	240
agcaaggaan	tagggcngga	nancnantnc	ngnggentnc	agctctgncn	cgcannatnn	300
gntanctnnt	gacttanctg	ganancaatg	aaggnnctna	accaaagtnc	ccanggggac	360
atnganaaat	agcacnangg	gccttgatn	ggacnntacn	cnntnccnaa	cntggntnecg	420
gggntgnnac	cntgggaaaag	gagccttctg	catnnncnnn	cgccntaccc	atganncncn	480
ctntaccang	gctntgcccc	ctgagccaan	cncgctgggt	ntgctgcnaa	ngnaanaanc	540
nanntctnca	gatatggacn	taaccttgca	aatntanaan	ncttgccaat	ttcnattttg	600
ccangatccg	ncnannccac	aatnccctct	nnaanagaat	ccnccacncc	cccnagaac	660
ctcngnaaaa	cattnnngnc	nccnccctng	nagctacaat	tnnctctcan	cctagganac	720
cncnntcget	atgcncncnn	cttaccannc	ctantctnnt	cgnancttac	ccnnntttac	780
ccntnnggca	tttcccccn	accnttgnat	ttnannnatt	tcccttcnng	ganatgcaat	840
tctcntgngc	acccaacaac	c				861

&lt;210&gt; 4544

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (813)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4544

tgtgngtget	taagcagatt	gctatgatgc	atgtccataa	aacagntttc	tttctgttct	60
attgtggagt	ttttctgggg	ctggaaaaca	ttcttttgtt	atttccaaac	actgtctata	120
attaccagac	atgatataaa	cacataaggt	gccaaactga	atttactcta	gaggggactt	180
tccctctcag	acttccagtc	aactcacact	tgtgcaacaa	agtgcattgt	gtcccctaaa	240
tatgcaagca	gaactgtgtt	tctgcctatt	tggtatctat	agtcctctac	agtcacttct	300
agagagacta	aaccaaattt	ctaccaactt	cacagggcaa	caatcaatag	ttttatctca	360
atgactcttg	tatcttcaga	ccttaaactg	attcagagac	catggggccc	acaaacctaa	420
tcaagagtaa	cgttttctatt	gagtacacat	ttcagacatg	agaatcttca	ctttcccctt	480
ttttctcttg	gtaaaatgtt	cacaaaatgt	gcaggtaaca	cctgctgggt	actncagcca	540
ttcgggcccc	taaatctgca	gctcttcatt	ttggatctag	gtcttgagaa	tttgggaaat	600
agaaaaattt	ttatctaaaa	atgcaagtct	tttgggttat	caaactcaga	cattgaaaag	660
aaaagngcag	ttacgccttt	ctnctcnttg	aaanatgnat	tcattctntg	gaactgggtc	720
acttttggcc	ncaagttgat	gtntattaaa	ctggatattc	cacattggac	actggatctt	780
atccctaaac	cataatgana	tatgtccaat	cnt			813

&lt;210&gt; 4545

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (960)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4545

tggtttttca	ggngccccct	tnanacggnn	ggggcctttc	gcctnnncgn	aanagcccgn	60
gcatctcgna	gacngcnnga	naagtgnenn	angtnncttn	ntnatgggtg	ggacttttat	120
nanctgangan	cantnncngn	cntgantatt	ntcnnncnnt	ggnaagatng	cacgtgtntt	180

```

ancctgatgc cagntggngn tateccentnc ncnntttntt nnttcacggn gaacnnnata 240
natngannag aatgggnatca gagaaggata ctactnttgc tctcacngat tagcggcgat 300
tngentgatc ncnctgnca tagnaaccnt atctctgngn ttcangcgac tgannggtga 360
ncaccncccn nctagntggn acnnatnnc ctcctnngac tntccngcaa cntnttntnn 420
ctntnagnn gtnncngnnn ttncaccggn nnnnccnncn ttngnncnca tntttttnac 480
cccnnttggc nccacannan ctncctttgc cataaannct ttntntntacc atganngnga 540
ttncnncntt ttngnctnna tcnctntntna attcaatnnc tanncnntta tcnncntt 600
tttctntgnt cctttttntc gngnantnngn ctgggaantt ttggtntccn cctanntnga 660
antcngcctt aanatccttt ggggtggacnt tgggcangnt tcttctnngg gaatcccttt 720
ttnatggaat tggccttnaa ggcennttgg tcttcttgg caacctnngg ggtnggcct 780
aaaatgggcc cctnaanttn ttanaatnc nncnnnantt actnttttcn ncctccaacc 840
nntttaccgg gttgggctct taacccccag gntgggaatt tcaaaatttt taaggnttcc 900
ccatttnttg gaaaacctta ntttngggac ccccattnn gggctnccna ttttnggaat 960

```

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 4546

```

tnttnttggg aaagggcagt gtctctaaac ccaggcaaac ggtaaatgtg gggcatanca 60
agagggccgg gtagtggcca cttncccatc atgctcgntt ctcattttgt gttttttagt 120
agaaaaacac aggggtgttct tttggccaga cattaatctt tagaatgcct gtnttttcta 180
atgttgggat ttctttcaca accacccacc ttaatatctt cattgngact caganaatca 240
gacttcattc gattctntag agaactataa atactgttgt cagtagaagt gaantcttgc 300
ttatgtaatc ctaattcaga atgtgttctc agaagaggta ggcnnnggacc ananctgggc 360
nagaccacag gcagaggcca aatccnnccc cctgccgnta gnagctaata tnagttttac 420
acccacttgt tcatgtattt tccctggcta cttgtgggca gcaatgccag agtcaagtca 480
tcataacaga nacagaatgg cctggaagct ggatttacta tttcaacttt tacattaaaa 540
cttgatgacc cctgtgctag acaggcagct catttctgcn ggtaaaatta tatttcatct 600
tccaactttt catttccaaa atttgaacct atattactgg aggcccttta cnnaagntaa 660
anttttcatt nttcttttgg ggggaaannc tncagaaaaa nccctnngcc cntttaaaaa 720
cttnnatgng ggtnnnttac cctgtcccca cncgtggaag tccntngggg nttngggcaa 780
anccccacna nngtgccecn gaaaaaatgc tttttt 816

```

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4547

```

taggagtctg aaggcctcgc tgctttctgt gatggccttg cagtaagtgc cgctggcct 60
gcatgcattg gctaacaggc tgcagaatgg cacngaagga ctgcctcgag attgtcatgg 120
ccagagatca taggtcactt naggtagcaa gacccctgnc aaactgggca cttggcctat 180
gtactgattt gtgggatggg ggcaggggtg tggggtcctt caccctgcct gaattctctt 240
tggcttctgt gctctgtatg ctgctgtccc caagggtctt ttcttattat ggcagnagat 300

```

```

ggggattggt cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg 360
ggcagcttga gaaggcggtc ancaccacgc ctagcaggca gaccttgaag cctcaccttt 420
antntatctg caagaggtat tcanttcctg gcacaaggga ctaggggcat gtanagtata 480
tgacgaggca atatggctgt gcnngacctt catttaactt caattaatag ggaaaaatta 540
ttatactcta tagatcctga aagggttcta agattaaaaan catccttatt aaaatcttct 600
aaanaantct ggaaagaaac acctaatacta naaaaggctt gttnaaaaaan ccacagngat 660
gggttnttaa gaagcaaach cncagcatt tccatttaag taaaaactaa ccaaggcagc 720
ttttatntaa gaagngtccg gccttctaac cctgcacaag ccnatgagga catatggaaa 780
atattt 785

```

<210> 4548

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4548

```

gngcagctct tgttcttana gncaggctac ttgttctttt tgcaggatcc catcgattcg 60
aatcggccc nagctgtgng ggacacattc nnactgcggc aggacntgtn tgctgncna 120
tcacnttgac ttgtaatagc attaatnntc aagcgattga tntatnataa nngncattct 180
agcatngtnc atggcngann nctcctggg anatgntaac ggtcttgcn nctgatncct 240
ctatctgnac tgggtctctg gcangggcct gatgnatngt anatactcgn tangtactnn 300
ttngttntc nggggntctn tcatgnnnn natnnnagca cccangagg n actacactnn 360
caagaaaaaa tggtnngnctn ntacngagct gtnaagaach ntggaaactg ctatcctgan 420
gccnctnaac ttcacatcgg gatgcctanc ttgtatnnat gttncntnt gnntaacccc 480
atgatctgan tntggacact aagancnntg tcatnggctg agngggctnt gaagnnact 540
cntaattatg acnctgggat ntaaacgggtg ctcacattgt cttgnanggn antttttcaa 600
aaanggattt ncgccttttg gnccntggg aatttaatag gcaanaagtt ttggccntaa 660
ttgccanang anganancct ggantgctaa ngaacggcnc tnttgcctcn nggatggnc 720
cctaacttna aggg 734

```

<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (621)

<223> n = A,T,C or G

<400> 4549

```

tgnggggcn ganacccgnt ngggctgcaa gggccggctt gaccnaccn atnccggggc 60
ananatgcct gtcnagnn cnaaggaagg ttgtnnccgt ttacgcctat tgggtggaaaa 120
aancccttn tngaaggctc atcctcaaan ngcnntngc gttcnccga ctggccgttt 180
atncaccnct ggnnaagagg ganttnatt naccgctct tttttanaag annnnaaagg 240
ttcngcatnn tggggcnnnn gnncacactg gcttgaana gcnanagctg agtgacatcc 300
accagatnc aaaatggtna catgtcaact gtggccgaaa acngggccgc actgncccat 360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg 420
tattcacaca ggctntgagg ggggagggat tgtntcaga atgcattaag cgenttnaat 480
agcctgctc ngttgctttg tcaantggc ttnacatgaa tgcccgctcc ctgaatctcn 540
ngtaatcctc tctcnnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng 600

```

gtcgtactgn gnaagagctc c

621

<210> 4550  
<211> 971  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (971)  
<223> n = A,T,C or G

<400> 4550  
nccncttntn tntaggngn tngtgggggt tttcnaatnt nngctaatagc tgggctcntg 60  
nnctttntgc aggtatccca tcgattcgag ngatgcactg ngantacacg cnctaaaaat 120  
cgcagtcctg gccanaagac gttatggnc tttgtaggga ctgggggnnt tggctcctntt 180  
tnaggggctg tnnggactca aatcggtgnc tggtttcaca catatgtgtt ggtttgtggt 240  
ncaacttctt tatctganaa cnccagtgat aaancattga tgntactgac caatctaaac 300  
taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna 360  
cttctttnan gcatacgnaa naantgtatg ccngttacnc ttgnangata cctntgctnt 420  
nacaggntca gatatntatca gtngnagcac aaacacatga acacattcng atanggctta 480  
tttcacacag ttgaagttga tgatcntccc ctggagtgtc ctgntanata tgnncngcc 540  
tntangggna aaanaacccc aactgcttc tntgaccacc ccnagcntnt ntncnntan 600  
taatattten tncannngng naacgtnnnc naccgctnn aatnccctnn cntcgnagg 660  
naaaanccca nttnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn 720  
aactgggcn caannccctn gnnncacaac cnctttntnt tntctcacng ggaatcgga 780  
atnctgcact ttcctatccc tggncctaaa aaanattana tctccggnct ctatcnnttg 840  
taagntcacn antcntctc nntancaaan cnanacnncn annttttnc aaatcctten 900  
tnncncnca nnncnngng cactntntnn cngtgcncna actcntnggg gcnatntnt 960  
cnncnctn t 971

<210> 4551  
<211> 791  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (791)  
<223> n = A,T,C or G

<400> 4551  
tttgaacc cntttnttt naatcctttt ctttcaaag gttctngttc tttttgcagg 60  
atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc caggttgccc 120  
aggctggtct cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180  
tgctggctg agatgacttt taaaaaaga cttctctaaa gtagaaggaa ggggtgaatt 240  
gtatgcacaa gaagaaaaaa acctggaaga aaacataact aaagaggctg gagtgcattg 300  
gcgcgatctt ggctcaccgc aacctccgcc tcccgggttc aagtgattct cctgcctcag 360  
cctcccagg agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420  
agtagagacg gagtttctcc atgttggtca ggctggtctc gaactaccga cctcaggatga 480  
tccaccacc tccgcctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc 540  
tnctgttcc agttttctat aatctgttca tattatatc tgggtatatg tgggtggtgt 600  
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt 660  
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggtacc 720  
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt 780  
tnaacattaa n 791

<210> 4552  
<211> 761  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(761)  
<223> n = A,T,C or G

<400> 4552

tcnttcagtt	attcgttcag	ctccttgntc	tttttgcagg	atccctcgat	tcgctcagct	60
cttcgggagg	ctgaggcagg	agaatcgctt	gaaccaggga	ggcagagggt	gcagtgagcc	120
gaggttgccg	cactgcactc	cagcctgggt	gaccgagtaa	gactgtctca	aaaaaaaaaa	180
aaaaagaaaa	gaaattgtcc	tttggttgcc	ttagttccag	agttgaatga	atgtacacat	240
tcngtagtgg	ggggggcaga	ccggataccc	cttccttgtc	tggttccttt	gaaaaaggac	300
ctccaccttt	caaaggtact	taaagccatc	ttttacagat	tgcttgtaat	gtaagggaaa	360
agaagtcatt	gtnccttggg	attggattgg	agggnaaaat	catcaaccac	tagccccctt	420
ttcaaaatca	gcgaagatat	ttngatgatt	aagtgattca	ttgggtatgt	tctggctact	480
gatgttactg	aaatctgcaa	tcgngtatgn	tttttaatta	gttgcttttg	tatttgaatt	540
tatgacattt	cgaagtttct	gngettaact	ctttttaatt	aattttctgc	acgtngcttt	600
tttctctttg	gttttaattc	catacagagt	attcaattct	tgaaaacaca	ttaaaaataa	660
tttgcttgca	aaaaaaaaaa	aaaaaaaaaa	ctcgaacctt	tanaactata	gtgagtcgtn	720
ttaccgtana	tcccagacn	tngtaaaatt	aaaaaaaaaa	t		761

<210> 4553  
<211> 1281  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1281)  
<223> n = A,T,C or G

<400> 4553

atTTTTTaaa	ntttnggggn	naaaaatttt	ttcttttttt	tgggtccnaa	anattctttc	60
cggncattg	gcccccttg	gcccnaaggg	nttnccggga	aaccttcct	tnaggnnnng	120
ggggaaatcc	ccccccggg	ggnggtttta	ccccnggaaa	ggccctncgg	gnaaaaattt	180
tccgaccccc	nttaatnaag	ntnttttttt	ttcnnttttn	tttaacaaaa	ttttccnact	240
tggggncctg	gttcgggttt	ttttaaacna	aaacggntcc	ggngngaact	tgggggaaaa	300
aaaccccntn	ggngggttta	ccccaaactt	taaaatnggn	ccttnggcaa	gcaacaattc	360
cccttttcng	ccagcttggg	cggtaaaaaa	cgaaaaaggc	ccgnanccga	atcgcccttc	420
caaacagtgg	ccaanccctg	aatgggaaan	ggnccccccc	tgtaccngna	ccataanccg	480
ncgggggtgg	tgggggtaac	ccccaaacct	gaacngttaa	nttggaagc	ggccctangg	540
cccgttcctt	tengtttctt	tccttccttt	tttcggcaac	gntanccggc	ntttccctnt	600
caagnattta	aatcgggggc	tccttttang	ggttcnga	taagtggctt	taacnggcaa	660
cctcgaaacc	caaaaaactt	ggatttangg	gnngaattgg	gttcaacggt	aantgggggc	720
caatcggnc	cttgggaata	gaacgggggt	tttttnggcc	ccttttgga	ccggnntngg	780
gaaagtnccc	aacgggtaac	cttttttaaa	taaagtnggg	gaaccttcct	ttgggttttc	840
ccaaaaacct	tgggnaaacc	naaaccaacn	tttnaaancc	cccttaatcn	tttggggggg	900
ccttaatttc	nttttttggg	naaatTTTTna	aaatnaaaaa	gggggggaaa	atTTTTtttg	960
gnccccgnaa	aatTTTTccn	ggggncccc	naaatTTTgg	gggggtttta	aaaaaaaaaa	1020
aaatgggnaa	agncccttgg	aaantTTTTt	aaaaaccnaa	aaaaaaaaaa	attnttgaaa	1080
aaccggcccc	ggaaaaantt	ttttttnaaa	aacccccaaa	aaaaaatng	gtttttnaaa	1140
accggggccc	tttttaaaac	naaaattttt	tttccccctn	gggaaanggn	cccngggggg	1200

aaaaatTTTT tttttnnatt tcncccnntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260  
ccccanaaa aaantTTTT t 1281

<210> 4554  
<211> 916  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(916)  
<223> n = A,T,C or G

<400> 4554  
tttgaaanca tcanctctng ttctttntgc aggatcccat cgattcgcag aaagggaaaa 60  
tatgaagtgc gtgctggggt ttgctatcgt atccacaggc atcacggcag tgctgctcgc 120  
cttgattttt gttctcagaa agagaataaa attgacagtt gancctttnc aatcacaaat 180  
aaagccatca gcagggtctc cttnctgctg taccaccccn gngaaaattn gccaccctaa 240  
ttttnttctg gntccttttg nnggntgncn gctgaccctg ggaactgaag gancctgcca 300  
tnttatgnan ggcgnccaag tgggaatata acccctttnc ggcattcggg ccatgtggcc 360  
gtacnnttaa tttggcctca atctggacta gngaaattat ccttggcng ccaacaaaat 420  
gactataact tggggcagtn ggtnccttgg tcntttcaac canaagttaa aaattaatcc 480  
tccggaatca atcccatcct tttccgggct ctcttccaat tcttntttct ttntaaccat 540  
caaaggggaa ccatttgttg aaaangggnc aattttttaa ncctcttggg gggggaggga 600  
tttccgaaga aatcaattgg gcaatggta ccattgccna aaaacgcca cttggnaaaa 660  
gnaaacaag caattggntg gccantttgn tccccangg taacccttgg ttttccccga 720  
atggcctggc cttaccttgg nttgggattt cttnngggng gtccttggg aacaaaaaa 780  
aaacccctng ggnttcccaa tttnttnnaa acccccgna aattggccn ttntttaccc 840  
tttaccaaa cctnggggtt tttttttnaa aatggggggg ggggggaaan cccccccaaa 900  
aaaggggna aaant 916

<210> 4555  
<211> 791  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(791)  
<223> n = A,T,C or G

<400> 4555  
gngtctccct ttntttgaca tcnnttggt ctctctcttt ttgcaggatc ccatcgattc 60  
gaattcggca cgagacctga gctaggggtg cagcagaaat tgagttgcag ctgcccctg 120  
tccagacctt tttctgctt gcgtttttga aacaggaggt gcacgtacca cccaattatc 180  
tatggcagca tgcattgata ggccgaacta ttatcagctc tgatgtttca gagagaagac 240  
ctcagaaacc gaaagaaaac caccaccctc ctattgtgtc tgaagtttca cgtgtgttta 300  
tgaaatctaa tgggaaatgg atcacacgat ttctttaagg gaattaaaa aaataaaaga 360  
attacggctt ttacagcaac aatacgatta tcttatagga aaaaaaaat cattgtaaag 420  
tatcaagaca atacagata atgaaaaggc tgtaaagta gatgacatca tgtgttagcc 480  
tgttcctaatt cccctagaat tgtaattgtt gggatataaa ttanttttta ttattctctt 540  
aaaaatcaaa gatgatctct atcactttgc cacctgtttg atgtgcantg gaaactgggt 600  
aagccagttg ttcatacttc gtttacaat tattaagata nctntttan ggatantttt 660  
ggtaccatat ttgtgaaaat ttttgnaaa atgccttgnt aatgnggntt tttnacncn 720  
cnaagttatt ttgtttgcaa aacttnaatg gnccatttct cttttaanaa tnggttttca 780  
ccntattttt t 791

<210> 4556  
<211> 779  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(779)  
<223> n = A,T,C or G

<400> 4556  
ttntcnnaac cttcaactcc cgtgctnatg caagateccca tccnattcga annnggcacg 60  
aganacnctt aantatacgc tacggtntgt gtgtgggtgct nnatacnac catgttactt 120  
aatcnctttg gtaccnnttn cnttttgntg gatccaaant gnnaaccgat gtntgntacc 180  
ngncennatg gtnttaacac tttttaaant gananacatt ggatcttaaa accctaagct 240  
attgcacanc ngcatttcac nncgcacgaa gcccgggtatc ccctanacgn tgggggcactt 300  
tcntaaatt gaagntgnca atnntatgcc ggnntcnaga tataangtgc acncccaaaa 360  
acgctttcng ncttgtaaac tcaacngcat agttangcnn gnnctgncc gcncacatg 420  
gtgaaacatt ttncctnacc aagantaaat gncanggtg cntnttaggn acacttactt 480  
tctccgnnac atccaattaa cgntatttgc ccgntgctgt gcctgggnag tttttatattt 540  
atatttttgg ggttgnaaaa gcagnancag agggagctca atctngtttg aaaccnacgn 600  
agtgctncca ttgatacgt natnaatnaa ccgcnggng gnnnttttct tttttttggn 660  
cctggaaaat gctgatnccc tttgacaana aaggnaanc cccctagcc nactaanngt 720  
cnccccattn tttinggaaa naagggggat aaanaacttc cccccnngg nggggagct 779

<210> 4557  
<211> 1259  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1259)  
<223> n = A,T,C or G

<400> 4557  
tttgaaagc ccccttggca ggggtgcacca nctgntgnac acccgaaggc ncntcccagt 60  
ttgggttann ggacncgng gnggggcnngn aagggggaga gcnaaacggg gganagngt 120  
ttntttgngn ggcaggagca ggggaanaggg gggggggggn atnangngcg gncnaaccgg 180  
ggaggaggng gggggngnga ggnccgnacga cngacganag ngggcnanna gnnnnggccn 240  
gcagnnagg gangnggatn agnggncng nctgtnnnng gagnggacgc gngcngantg 300  
gacgatggag gccnagncc agaggcngnn gnnagnnagg ggnnatgang cgcgacgann 360  
gagcacnggn gcnnaggcng cgnggccgna ngngcgggga gaagcgngn gagacnnnag 420  
gcggnnccan gngannngng gaaacagngg nnnngnngagn gcgggnancg gatgnnncgg 480  
nnggannggg nanggggnca ggcgnnnagn nnagcgaggg ngngngagn gnaggaggga 540  
nnaagcgcg ngggncagag acngggacga ngatntagn ngggggagga ggganncgcg 600  
nnacggnnac gngtncgagn aaaangacga gggntngngc ngtngggagc ggcgagggnc 660  
naataggaga angggntaa gngngncaga cnnnanngn naggnnanga cnaancagn 720  
nngtgnecat gcaganggnc gncangnggg ncgggggcan cagagacgc atgagngggn 780  
anagancggn gacagggggg ggangcaaac gcggngnagc annccagncg ngnnnggggn 840  
antngngnnc nggttaggag nganngann ngcatgagn ataggnnnga ganangngang 900  
nnngggggaa agggaccnta acnnngngnn gngcngncn acngggcngn ggggganccc 960  
anggnnnnng ggagncagag nngnncngna ncngggggng cnagntnggg ngggngtngn 1020  
nngcgatnag ggnncggccc ggngncggn gcngnatcng aacggacagg cgcngnanna 1080  
ggngggcgcn agangngntg gagngncacn gcggngggna ncngngnngc angatggcga 1140  
ggggacgggt cgcggngctg acgganagag gcngcnacgn nngaggcgtg aaagaantgn 1200



nggncgngggg acnnncnanga gcaanggcag gagggcncgg cgngcggnng cngngggccg 1259

<210> 4558  
<211> 807  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(807)  
<223> n = A,T,C or G

<400> 4558  
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aaagagatct gacctaacca actttntctt gccttaactt ccaaactgcc cttagtcatc 120  
gatggggcat gggccaacnn cnatngggan anatctttnt tcntcntgna atnatactcc 180  
cctttccaaa actaaatgtc cttgangnna taacggaang cctcccatng ggtgnacaac 240  
cggngcggna antgggctcn cnetgtggca tagcanaang ntccccggnc gtngtggtn 300  
acgntcnann tatccgcnan actcgccatt genctagcgn cnnnacttt ctttttatnn 360  
nctaacattn tccttncggg aangcggttt tnccggcntt aagctnttaa ggatggangg 420  
ggttnggttt ccggnctnna cnetataaaa ctctnttaac tncaacacng tncnccgtng 480  
ggacccccctc ccantaaagn ggggactgnt tcacagnan ggaccnttt ttnncnncn 540  
ncctaatinga ttttcncccc accttaatac agttaggaac cccttttctt tattccatac 600  
aagaactttt ttttaaaaaa acttggganc ctcttatcta cgccttgggn gggtcacatc 660  
ttgtnaatcc ccaacatttn ggggaggcta nngncgggaa atatncctta agcttcaaga 720  
gttcaagacc agcctgggga aacacttggg aaccgcttct ntcnctttac aatttctctga 780  
tgccgggatt tttcttttng cccttct 807

<210> 4559  
<211> 1070  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1070)  
<223> n = A,T,C or G

<400> 4559  
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ctgtttcatc acatatacac atatatatac ttatgtgggt atataggtcc tgggtctcatt 180  
gacttaagga ttttaagtgg tggatttggc catatnctgt gggggggaaa gctnagaacc 240  
tcaatannct taatnaaata ggtggctatc atcngttcat ttaactcaag ccagaaaaca 300  
ccaaagaagt caccctcaat ttcttccgc anccccacaa tttnaatcta atcggccatt 360  
ttctttaaca nggttcccat ttttcccaa aaatatnaac caatggagggt cccatcctaa 420  
tttntgggn ttcttaacaa gtccantcaa cccntaagg cnttaaagnc caccttacct 480  
ttcaagttag gcccctcttn cccaatttaa gggcctttaa gtttcaact tcccaagccc 540  
cccttccctt tccnaagtng gttggnantt cnacnaccaa gatncccttg gccaaggggt 600  
aaggttccaa ttttangaaa aaaccaatta nacctttnaa gggccccctt ggggtccaat 660  
ttggccttct tggcntttna aaaaaaattt ttgggtgggg gngggggcnt tttcccccaa 720  
ttccaattgg ccctttaang aaaaatnaaa aaaaatccct nggccttttt tcnntanttt 780  
attttttaa aaaanccaat tgggggcttt tttggggng ggcctttttt aaccaaccaa 840  
aantttttta agttcccttc cccatttaat tccccctntt tttcnttaa gccccctggn 900  
attccttggg aaaggggcca cccatttcc ccaaagggtt tttantngtn ggaacaaaaa 960  
aaaccaagcc aggtnggaaa accattgggg ggggggggtt anttgnaaaa ccncttacc 1020

cgggagggggg aaaanccccc aaaaaccccc ccnttttttt tttngggccc

1070

<210> 4560  
<211> 1321  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1321)  
<223> n = A,T,C or G

<400> 4560  
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gcactgcaca gcatttgcac tttgcagatg agtatcatct gggaaaatct gtctcaagat 120  
ctggccctcc cacggganta tggtggaagt aaccaagcct tgcccttaga ngatgcaacc 180  
aaaatatattt tgggtggatg ggggtggggg aaaaaattct tgccaaaaaa gaaaggggtg 240  
atccctggga aaccaattat ttcttctttc aagggggaaa gggaagcctt ggccctgggtg 300  
ttttttnggg aaatgggtgga aaaagaacca aaaaacctta ttgaaaagc cattgggttg 360  
aatggaaaaa gggttctcta ggaaaaaaa cccattggaa aaantttcca agccccccct 420  
tanttgaaaa aattccgcca nccttggggg taccancct tggggggaaa aaaaattgga 480  
aaaagaaaaa ccttttnaaa cccttanccc atttaaaaaa aaaaatttag gnaanggggg 540  
gaanccaagg ttnccaaaaa aaaacnntt tccaaccaa gggggggggg ggggaaaaaa 600  
aattcccaaa aggttttttn aaaaaattt nccaaaanaa ggccctttgg gggaantttt 660  
ttaaaggaaa ttgggaattg gnccccccat tttttccttt aaagnaaagn aaaaaggntt 720  
ttttngggcc ttttttttcc tttncccna aaattggggc ntccctttaa nttggccccc 780  
ctttttttcc tttgggttaa aaaaaaaacc cttggggggc caaaantttt tttggggggg 840  
gaaaaaggcc caatttccaa ccnttggggg naattaaaaa aaatttttta aattttgggn 900  
aaaattcctt taanttttcc aaaggttccc aaaatttttc cccttgggaa ggggcctttt 960  
tttnaaaaaa aaagnccttg ggggggaaaa ggaaaaaagg gttggnaaaa aaccttantt 1020  
cnttccaatt ggnaaaagaa aaagntttta ntgncccag aaaaaaaaat tccnggggtn 1080  
ggaaaacctt cntttttggc ctctcttaa agggcccncc ccgttantt aaaaancctt 1140  
tgggaggttt tccaaaacct tttccctgg gaattnaccc tccctggaa tttttcttac 1200  
cctggggggg accaagnaaa aaaaaaanc ccttgggnaa nggggncctt ttttnccna 1260  
attaaaaaac ccgnggggtc caaaatttcc ccntttttt ttaaaaacnc cccccccct 1320  
t 1321

<210> 4561  
<211> 1253  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1253)  
<223> n = A,T,C or G

<400> 4561  
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ccgtgtgtgt gtgtgtgtgc gcgcgcgcgg cgttctgann ctctcggtctt tgttccggac 120  
ccggnctccg ccgcagccag cccacatgtc gggngatcaa agaaagcaaa aaagacgggt 180  
atggctttcc aaggccgccc ggcttttccc ttcnccccgc ccaaccnca acttggnacc 240  
ggccncccc taccnccncc caaaccnccc ccccaaaatt tccccncc nggccaacc 300  
tttngggggg tccccccna acccccctt tcccccccg ggggttaaang ggggggggnc 360  
ccgtttccag gggggnaagg ggnaaagggg aaagcttaa aaaaaaaagt tttggggggg 420  
ggncaaaacc gggggaagg ggggggaaaa agccccaaaa ggcaaangaa aaaaaaggaa 480

agggggccnt	tccnttgggt	ggggttgggg	gaaaaaattt	ttccccccc	gggggggngc	540
ccaaagattc	ccccntttnn	ggcccccccc	ccggcccaaa	tgccccccc	cntttttttt	600
tccccaancc	cccccccg	cggggaaacn	tttttttttg	gggggaaaaa	ttnccttttg	660
ccggnccntt	tccccctttg	ggggggnggg	ttaccngccn	ccggaccggc	cccccccggn	720
ccggaaaaaa	aagaaacccc	ttttcccccc	ggaaagncct	tttcnttttna	aaaagggtng	780
gggggtttnc	ccnggggaaa	ttcnttat	aaattcccca	aagggnnaacc	ccaaaggggg	840
gaaccaangg	gnaaaaaatt	ccccccctt	ttttnttttt	ttncccccaa	aaanaaaacc	900
nttttttttt	nccaaaaaac	cccccgggcc	ctttttnttc	cttttcctgg	tttaangggg	960
tnctttnccg	ggaaaaaccna	aaaaattccg	aaagnccttg	aacnttcccc	cccgttttcc	1020
ttggcccaaa	aggttccttg	gggtaccccc	ttgggggggg	nttttttggt	ttntttnttn	1080
ggggnaaaac	cttttccccc	tttgggggaaa	gtnggggggnc	cnttttnaaa	ttggaacccg	1140
ggaccttttt	tccntttttg	naagggnaaa	aaacttggcc	aaanttttnt	ttcaaaaaaa	1200
accnnaaaaa	cctttggggg	nnaaaaaaan	ggggggggga	aaaaaaaaaa	ana	1253

<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

tataattaan	ttgnannccn	ttnaactctt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggtgaccctt	cctgcccttc	ttgagcagct	tgtganccan	aagatgtgcc	120
tggagagaaa	gcctcatttg	gggaagtgcn	gnattcgaag	ttctttattt	tgaaaatgga	180
naacaaccct	tctnacaaat	cctgtctgcc	cttccccctt	tncaactaga	atatcanntc	240
cnetgaacat	gaagtnatnc	acatttcatg	gaaaactggg	tgatgntnaa	naaatcactt	300
ganggcaaac	tttgtccttc	angctgtggg	tctctgaatn	gtagagccng	canatccctc	360
antgtatgga	ctgngcctta	cttgccctt	gaatgctttc	tatacatnaa	nacttgganc	420
tctttacaga	tgacantnnc	cagtngggaa	gataaaagan	nagaaaagac	cnaaantgcg	480
ggnttgccac	tctttttttg	catcaccgtg	gggactgcaa	angccaatgt	tggngctggc	540
aaaaagccga	angantaaag	gtgctgnant	gatgttagct	gtgnccactg	nggatttttc	600
caanaacatt	tntanctata	aanttcaaag	naaaanaaaa	aaananactc	gaggcctntt	660
aaaactatat	tnagtenttt	tacctnatnc	anacttgata	anatacattg	atgantttgg	720
gcaaaccac	aactagaaat	tttcccaana	gggggggggna			760

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

tttttnnntt	taaantttgn	aaaattnntt	ttttttacca	ncccccttac	tccnggtttc	60
cttttttttt	nggccanggg	naatcccccc	natnccggaa	tttnccggaa	aattttcccg	120
gtttgggcnt	nggtccggca	tatataaaaa	ccagnngag	ncccccnact	atggannttn	180
tnccctngaa	tataaaaaaca	acaatccggg	gggggggaacg	gaagnagcnt	ggcaattngg	240
natcgtaata	aaaatacggg	antcttgaag	ccccattgga	tggtcncaan	gggctgggtg	300
ggaagaacct	tanttnagca	agaatcccta	aaanggggca	canaaccttt	gnaaaggana	360

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aggangttnt ntttttncaaa aaaaaaaccca nactttggat gggcaaactt tnaaataang      420
ggatgaacaa tgggccaggg cccacccctg ggcttaaatt ancaaaacnt tggcctntgn      480
aaagncceng ttnccttgg gggtttctct tttccttcna tttntggaac ccannacttg      540
atgtcnttnc aatcgnaact ggtttaatgg ccnattcct acaaccgcna aaacttgggt      600
cctngaantg tantctgcng nnaaaaaaac ncctccnnan tgaantggcc anaaangtan      660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana      720
ganntcnttc ggnnganatt atgtnaggga gccagantnc tcatgctnng aatagngacc      780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc      840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggnggggn      890

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<210> 4564

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 4564

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atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc      120
aggctggctc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgcttggtcg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa ggggtggaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcattg      300
gcgcgatctt ggctcacgcg aacctccgcc tcccgggttc aagtgattct cctgcctcag      360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttgggtc ggctgggtct gaactaccga cctcaggtga      480
tccaccacc tcggcctccc acagtgtctg gattacaagc atgagccacc gcgcccgcc      540
tncctgttcc agttttctat aatctgttca tattatatc tgggtatatg tgggtgggtg      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcaggttacc      720
aatcttaaaa aaaacttant tcatttttna aattaaaacnt taaaatttnc caattccatt      780
tnaacattaa n                                     791

```

<210> 4565

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4565

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cctggagtta tgcagctaata taaagggtcaa acgcataact ttaaagacgc cttttcagga      120
agagattcaa gtnttacgcg ggtgccactg gctttttatt atggaatgta tgcatatgct      180
ggctggtnnt acctnaacta tgttactgaa gaagtagaaa acctgaaaa aaccattccc      240
cttgcnnat gtatatccat ggccattgtc accattgggt atgtgctgac aaatgtgggc      300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgaacct      360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg cctntcctg      420
cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgccgtct      480
ctgagagggt naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct      540

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acantggtn	tgtttgcacc	ctttgacaat	gataatgctc	ttntttggga	gacctcgaca	600
gtcttttnaa	tttactcaag	gttgccaggt	ggctttttat	tgggctggca	attgctgggc	660
ttgatttatc	ttngatncaa	atgccnanat	atgcacgggt	ccctttcaaa	ggtgccctg	720
ttcatccac	ttttnttttg	ncttntttt	tttnnnnnn	t		761

&lt;210&gt; 4566

&lt;211&gt; 787

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (787)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 4566

gntttnaaat	ttccttttnc	ttctaatect	ttgcttnac	nttggtctct	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttccccacgt	120
tgcccaggct	ggtctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	acttttaaaa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	ataactaaaga	ggctggagtg	300
caatggcgcg	atcttggtct	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	cacgcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatgtt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttaactataa	tgtacttaat	660
ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggtn	tcaggtaaca	720
atctttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

&lt;210&gt; 4567

&lt;211&gt; 787

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (787)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 4567

gntttnaaat	ttccttttnc	ttctaatect	ttgcttnac	nttggtctct	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttccccacgt	120
tgcccaggct	ggtctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	acttttaaaa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	ataactaaaga	ggctggagtg	300
caatggcgcg	atcttggtct	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	cacgcctggc	taattttgta	420
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ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggtn	tcaggtaaca	720
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aacatnt						787

<210> 4568  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

<400> 4568  
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aaaatctaaa atattaagta aagaagatta tattagtcca ttctgacatt actataaaga 180  
actgtangag agcagcccca gtgcttatag ataaaactcc catctnccta ggacagagca 240  
cctgggggga atgggcggct ctgggtgcag cttcngcaga cttaaagtgt cctgcctgcc 300  
agctcttgaa gagagcagca gatccccag cacagcgctc gagctctgct aagggatgga 360  
ctgcctcctc aagtgggtcc ctgaccctca tgcctcctga ctgggagaca cctcccagca 420  
agggttgaca gacacctcat acangaagag ctccgggtgg catctgccan gtgcccctct 480  
gggacgaact tccanangaa ggaacangta gcaatctttg ctgttctgca gctcctgctg 540  
gtgataccta ngcaaacagg gtctggagtg gacctccagc aaactagagc agaccttcan 600  
cagangggcc tgactgttag aaggaaaact aatgaacaga aaggaatagc atcaacatca 660  
acaaaaagga tgtccaccaa gagaccccat cctaagggtca cccaacatca aagaacaaag 720  
atngagaaaa tccncgaagt ttgaaaaggg ggaaaagggg ga 762

<210> 4569  
<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G

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actaaaagcc agtgatgtac ttgccagggt tctcagccaa gaaagtgggg ttgcccagac 180  
tctcaagaaa ggagaagttt ttttgtatga aattggagga aatattgggg aacgctgcct 240  
tgatgatgac acttacatga aggatttata tcagcttaac ccaaagtctg agtgggttat 300  
aaagtcaaag ccattgtaga agacttaaca agctgcagat aaccatgtgg acttctgtca 360  
taattcttgc tgagtcaaga gtgtaaataa aagaaatggc aggactcata ttattcantt 420  
gtaccaagat atttaaaaat gactctctta agccttaaaa agtcatagat ntgtgctgct 480  
gccagaatta tattaattat tattaatggg attattagaa aaaaaatttc tggagtgaga 540  
agtaaaaagg cttaattagg ttgtgggcca ntttcatatg ctctgggtgaa atgtgtccca 600  
natgtnacat agtttttttt ttaatatgtg gaaatgtctt ctcttcccat tcntttctcc 660  
ctaaaaatcn tatattnctg gaaatataat gcctcttttt aancctctnt taccttnnta 720  
acattttacc ccttttccca gttanggnnt gcttttttgn ccaaaaagna tanccaaatt 780  
ccnnc 785

<210> 4570  
<211> 986  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (986)  
<223> n = A,T,C or G

<400> 4570

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accgnnaaat	ttnccggggg	cccaccggaa	gggggnaaaa	tggggggccc	caaaaaagnt	180
ttnatthaaa	atthttggggg	tccntttttc	caaagnaath	tttttttttc	cnatthaatn	240
ggggggacca	aagggaaaaa	acctggcacc	cccnaccgga	aaatthttat	tnaaaaaaaa	300
tcccccatgg	gttgggggaa	aaaaagggaa	atthtgaatc	ccccanaaaa	tccaaatggt	360
taaccttttc	aaanaaaaaa	atgggttaaga	aaaaactttt	attaaaaggg	aagnaannat	420
ggnggcttta	ttcttcttcg	gatggaaaac	tccantatth	ttgggtggta	nactctatth	480
aaacaatttc	ggtcataaac	acaaagacaa	accatggggg	caaaatgtgt	cctttgcttn	540
taaattctgc	cttcattttac	ttgaatgacc	tcagtgcctt	ggcagtggcc	tgtgttttag	600
acctggtgat	gacagctccc	ctcacctang	agctgagcac	cccggccatc	ttggtgacca	660
cagaaccaag	gncacaggct	tcanctggta	cgccctgggg	caggggagaa	aattgtgctt	720
gcattcccaa	gtctgtctca	cctnctgggt	aaggtctgtc	gggcctgggt	ctgtccttgg	780
agccaccagc	atcctcagac	aaagaatcta	gacggngttg	ccaatthatt	aacagcaaat	840
aaccaattaa	aatggagact	attaaatact	ttatthttcc	ncttanctna	aaaancnaaa	900
ntthcccccg	ncnanngng	gggcanacct	tanagnncca	cnaantnngg	nngcngngng	960
gnanggnnnn	naaaaaaat	nttcct				986

<210> 4571  
<211> 804  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (804)  
<223> n = A,T,C or G

<400> 4571

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aatgggtggt	ttnttcttta	aagnggtana	aaaattggga	aggggaaacc	tgggtgggaa	180
aaaaaaaaatt	aaggaaaaag	ggngggagggg	ggggtaaaaa	tccaatthtc	cnttaaaatc	240
cttaaaatth	aaccctttaa	aagccattaa	gnaatacctt	ggggttaaaa	taatcctttg	300
gggtattaat	ggntthtttt	cctgggggtc	tttgggtttt	angtctggca	tgngattggt	360
tttaaccatc	cttntattag	ctctctnaat	gctgcctatg	gttatatthc	catgntcnta	420
tattntactn	ccatgtaata	tatattatnc	atattaccta	tattgaaang	gaaatgctta	480
tatattcatg	tcaangtaat	gntatcctct	nctgntatga	ttattatthg	cctnaacatn	540
ttgattgatt	tatntaacc	tgtgctanat	tgggaactac	ttctctncta	tagaccttaa	600
nannaacatn	gctttatcaa	gattthtatt	agtgatattt	taaatgattc	tgctgttagg	660
cttgccagac	aaattagtgt	ccaataatct	aatgaatggt	gnaagtcatg	tnnggattatg	720
aattccatta	ttttactaat	ttacttgaaa	aacatgattc	aaaanattgt	ttttgttggt	780
tgggttaaaa	aaaaaatnta	aacc				804

<210> 4572  
<211> 793  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4572

gtgaatcctt	ttnaatngc	ttggctactc	gctctttctg	cangatccca	togatccgaa	60
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cagttgtctg	tcagggttga	attaagaagc	tactggttta	ttcccaattg	ttgatgcctt	180
taggtatgtt	ggaatctttt	tttttgcta	ggagggggcca	gtngaaaatc	tgtgactcaa	240
gangcagtga	acagaatact	gntttctggg	gaaaaattgg	ttggctactt	gatgttaatt	300
atggnacagt	aacaggaaaa	ggttgtgtnt	gtgttttttaa	gtaatgtctt	tattctgctt	360
ttttgctgct	ataagagttt	tctgaaatct	atattttaaa	cttttcatgc	actttactgt	420
ttctagtctc	naaatgtgat	attttnaatc	aacaagaaat	tttccattat	gngaataaaa	480
ttttaaaaga	caatagccta	tattttgtgc	tcactaatat	ataaagtata	ggtaaaattt	540
naattattta	attagtttta	aatatctcaa	tttgtctnct	ctttcaaacc	tgacatnttc	600
ngctggtttn	ttaatgccta	aaatgatgca	ttttaccttt	ngncaattt	caattgccta	660
antttcnntn	ccatangtna	aattaaannc	anggcttatt	attaangggg	aatnattttc	720
ccccannagg	ggtaaaattt	taatggngga	ncaaagngtn	gntggggatt	gangtctttt	780
catnccangn	ggg					793

<210> 4573  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 4573

annatcnctt	ttnattcnat	cagctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	gtattcttct	tctactggag	aaggtaaccga	aaaagaattt	gatcctctga	120
ttgcctaggg	ttttgagaca	tgagaaataa	tgtctttgat	ctgggttttg	gaaattattg	180
catattttat	tttaagtgtc	tgctgcctct	gcctttcccc	ttttgctcct	caaataatata	240
aagtaagtag	cctgcctaca	ggaggactgt	taaaaatcat	atcactagat	taaatagaat	300
taaaaaagan	acaggaagat	tgaagatgta	gnttaataata	tgtatcatta	ataatagaat	360
aaatacaaga	acataatggg	tgagaaattt	atttcttaata	aaaaatttct	gagactagac	420
ctttcaacat	ttagttatac	atactttaat	aaaaatctat	catagtaaata	ttataatttt	480
tggttgagta	tgtgaataat	ccttctgcgc	attattggcc	tgttataaat	ctttcaatga	540
attgtgggtt	ggagttaaata	tcatattgtg	ctgaatttac	aaaatttaac	agtttgctnt	600
aaacgtttta	aaaattntct	aacttagcac	caaatcccc	catacctttg	tgtgtgtgtg	660
tgtgtgtgtg	tgtgtgtatg	cctgtggana	aaaagtceng	agatcttatt	tctcatttaa	720
aaaangttag	caaaaaaaaa	aaattttttt	ttttnc			756

<210> 4574  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 4574



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agcaagggtg gaggggggaca gattgtntng tccnttaaat gtgtgttgac acacatgggc      120
ttcgggttag ctggcctgac atggagatag antgccaatg ttccaagcc cacagaatta      180
tggaggcctc acccncagta ttcacagctc tcaactggcc tttnanaatg gaaacctttt      240
ctgcentgga tatggcgctt cttctgggag aggagcanag ccacagagag gtaggaagtt      300
gaggcatagc aaagggaang cttcaganct taagcccngn tcatctcata tgtgttttct      360
angcctgngg ctgaaangaa gaggagtggg gcancctggg acggnaactg cctctntggg      420
ctccccactc ccatggaggg gctncataaan ctttgtctct gggctgnatc ttganaagng      480
ggcanggtct tccccaccant ggcanggtgt gcagttgtgg tcccaagcct tggagggaat      540
ggggaatggg ctggcaccct gctcaaggaa agcanaagca cacangtgcc ccaacagggg      600
ancttcattg cccccaatan ttttaaaaaa ngcaacccat cacttaaggc ttgggtgccc      660
ttttcggnaa aaactaccaa acttggaanc ccctccgggc ttttaangccc aacnaatttt      720
nccttggggn acnttcctt gggaaccccc aagggnnttc ctttaaccag gccaaaaaaa      780
aaaaaaaaa ncccncccc n                                     801

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<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

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gctgagggtg gaggatctct tgagcccagg aggttgaggc tgcaatgagt tgtgattgca      120
ccagngtact ctancctaga cancagagga ataacctgtn tcncacgata angannttca      180
tcantannn ntnataanaa ttctntcagt gncnngaang nngacacngg anctccctna      240
ncangangga catnncnnca nggcatntt acgnntcang tgccatacat aaagngnatg      300
ntggnttgag nttacnacca cactacngaa anatttgca nnanncttat gnnnnatnct      360
ttaatntnt ccatgtnttg cttccacgca ttcagncnat ngtgtgggtc tnttaaagtgn      420
ctgnctnatt tcttactcaa anggattacn ctanatncaa caattntttg aaatggggng      480
cttaatcgat tttaatgnga ggnnatttta cctnatggtc ttgganggcc acctggnttc      540
cttaaagtgg ccttttgatn nttttaaatt ccaaanttag gccenttttt aaaataaggt      600
cccaatggna aaaaantttc ctttnnaactt ttaaacgtn nccttaattt ttcttaaagc      660
ccccctnaat ttnttcaccc cngaagggga anggnaaaat ttgggggnngg cccatttttt      720
attttngggg aaacctggcc aagngggatt taanatcggg ggggaatccc ccnctttttt      780
gggacctgg agccaatttt ggcntttaac cnaaggnttt tatccgcccc acttttctcc      840
aaaaanntta cccccacca ngntttccca aancctgggg gttttttttt tntnn          895

```

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

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tactnnttat tctntaacc ttgttctttt tgcaggatcc ctcgattcgn tnatgtatna      60
actantcnaa tatgtttnt ancatnctta ntatccttgc nngcattatg nggattcagg      120
gtcaactnt cagactgnga gcctgagagt tntctctaa gaggctccac acctttnttg      180

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tctnttagat	cgngggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacaccgtg	ttgncttgtt	catncacagn	nnatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgcca	agtttaacga	420
cgcagttcct	ctggaaagat	gacntgtgaa	taacagaccn	caagggttgc	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggnnccgtgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggntgctta	600
attcttctgc	attnaaatgt	cctgaccata	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	nttttttaaac	tcaatgggng	tttnncnaa	719

&lt;210&gt; 4577

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (726)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4577

gagcccagaa	tgaacatgcg	gnccccccaa	gttatcntgt	gatcccaggg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttggga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tcttttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttataa	acccanaaga	300
tggggcagct	canagactgg	tttcctaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanaatagg	aacaactctg	atgataatca	ttnggnttca	gaagataacta	420
gtgccangct	aagttggtga	gcctctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggtttgg	accttaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncagcan	attnggcagg	aactttctat	accttaggtt	600
aaacccaggg	tattttntgg	aagaacnnag	tcccccttgn	naagtcttca	attatatccc	660
cagtaaccaa	nggtttnttt	tngngaaccc	cantggcccc	ttgatcccg	ttcaaantgg	720
cttttc						726

&lt;210&gt; 4578

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1071)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4578

tttttnaaan	aattncccaa	tnnttttttg	tnaaaatttt	tccnccnaan	ttttccaagn	60
aacccttaac	cttttggtt	tttgctttt	ttttttgggn	cnaaggggnn	aatccccccc	120
aattcccggy	aattttntcc	ggccttctct	tgggttttgg	gggnaaggna	atttgggggg	180
gggnaagggy	gggggggggg	cccccttaat	ggggcnnntt	tcaaatttgg	cccttttttn	240
ctttgggtta	aagnttgggc	ccaaaaaaac	cccccccttt	aaaaaccccc	attgggttgg	300
cccccaagcc	caaccttaaa	gcctttaagg	tngggaagga	atccttaaac	aaaggaatcc	360
aatccggncc	cttccggccc	cttcaatttt	aaagtcaaaa	anggcnttca	aacctttctt	420
ggctttccac	aaangtcaat	cttttttttg	ttcaattctt	ctggtnaaaa	taaatcaaac	480
tcacgccttc	aaagtctctg	ttgtgggaag	tttgaggggtg	acaaatat	caacaagaaa	540
tttgatgccc	atatgggaaa	atcccaagct	agctttttgt	ancaagttnc	aaaaatcaaa	600

tattttcaaaa	cagaatgaga	agcttactat	cgtggtggga	agtacaaggc	tttgggtgta	660
aacaatcctg	agatggaatt	tcatctcttc	ctaaattaga	agctgcanaa	gacctagtca	720
aagtctgaac	ccttatgagc	tttcgtttcc	tcagctgtaa	gtggaactaa	taacactgaa	780
tttgatgaag	ttggttatga	aggattaaat	tggacaaaat	gggaagtgtg	tagcatctat	840
ggcacataga	tgtaaaatta	aataaagaat	gggacanggt	gctattnaaa	aatatattacc	900
ttggcccggg	gtggcaatgg	gcntcatgcc	tgtaaatccc	aaaccagttt	tggggaangg	960
cccaaaggcn	gggtgggaat	caacnttgag	gggcccaagg	naagttcaaa	gaaccagctt	1020
tgggnccacc	cattgggntg	gaaaaccttc	aaaattcccc	ttttccctt	n	1071

&lt;210&gt; 4579

&lt;211&gt; 1052

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1052)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4579

tnttcatcag	ctcttgtttt	atgCGgaccc	tcgattcgaa	ttcggcacga	ggctttatgt	60
atcattaaat	ttttctcata	gttcagaaaa	aatgtgccaa	agggaaacta	ttggctcctc	120
cttcaaaaac	agtcttaatt	aactttcatt	atltanccgg	attaaaaacta	nccagaagca	180
gggntcangg	ggaaaattaa	aatggatatn	ggaccacctaa	attgtatcat	tctgagttga	240
ttgngtgggt	tattcattct	ggaaacatgt	tgatacttac	agtcaaccac	tgntttttga	300
taagtgatat	tgattaaggt	tgaatcttct	ttgtaaataa	gtattttacc	agttagcaaa	360
agtctgtgtt	ttcaagaatt	accagtgagc	accaagaggg	tgttcattaa	aaatggggga	420
aattgaagtn	cccacttccg	gnnaagaaa	ttggctttta	aaccttgga	cacttggttt	480
ggaacaattt	ttgggggctt	tgggaatnaa	aaaaccccc	tgggtggggn	ggggggggtt	540
ccttggttgg	ccttgntggc	canttttggc	caagggnaat	tggggttgna	aagnccaaan	600
cccggtncc	ccnttctnt	cnaattgggt	ggnaaccaaa	cccccccaac	caaagggtttt	660
antttgcccc	ccggggaaat	gggttttggc	cccccaaggaa	attgncccc	cccctttaaa	720
gggggggggna	accaaagaaa	agttccaaaa	accccccccc	cnaaaccttg	gaaaggggaa	780
cccccacctt	gggttncccn	ttaaccaagg	naaagntcca	aggggaaaaa	aataatttgg	840
gtaanggggg	aaggaaaaaa	aaaaaantta	aaccacaacc	aacccaaagg	ggcccttggt	900
gggttaaatg	ggtttaaaat	taggnatgga	naaattantt	gggaaatant	ggtattantt	960
naaatgggtt	taaaaaaatt	ggtacccttt	gaatcaaaag	gtaccttttt	ttattaaaaa	1020
nttggncctt	ttttttanng	gnaaannttt	tt			1052

&lt;210&gt; 4580

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4580

ttaatanatc	cttgatttgg	cngatccatc	gattcggggc	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaatggaga	ggcaaacc	tgtttgtg	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggg	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	caggtttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc	300
atcttggctg	tgtaccatt	gcaaatgcag	gagatttttg	tggttattac	tgcccttgcc	360

atgggtcaca	ctatgatgca	tctggcagga	tcagattggg	tcctgctcct	ctcaaccttg	420
aagtccccac	gtatgagttc	accagtgcag	atatgggtgat	tggtgggttaa	gagacttgga	480
ctcaagtent	aggcttcttt	cagtctttat	gtcacctnag	gagacttatt	tgagangaac	540
cttctgtact	tgaagttgat	ttganatatg	taagaattga	tgatgtattt	gcaancatta	600
atgtgaataa	attgaattta	atggntgaat	acttttcaggc	attcacttaa	taaagacact	660
ggttaaccac	tgntatgctc	aatcatatccc	nctaaaagg	acaaatggcc	tttttaccta	720
atnctaattn	aaaaattncc	ngactggngg	taaaaaaaa	a		761

&lt;210&gt; 4581

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4581

ntnnnnant	acnatinncan	gcctntgtac	tgccgangatc	ccatcgattc	gaattcggca	60
cgaggnaaag	ccatctttgc	attgatcctc	atccgccttt	ttgctcgccg	cagccgcctn	120
cgncgcgcgc	cttctnccgc	gccgcggact	ccggcagctt	tatcgccaga	gtccctgaac	180
tctcgctttc	tttttaatcc	cctgcacg	atcaccggcg	tgccccacca	tgtagacgc	240
agccgtagac	accagctccg	aaatcaccac	caangactta	aaggagaana	aggaagtgt	300
ggaagaggca	gaaaatggaa	nagacgcccc	tgctaacggg	aatgctaata	aggaaaatgg	360
ggagcaggac	gctgacaatn	acgtagacga	agaanaggaa	ganggtgggg	angaaganga	420
ggaggaanaa	gaaggtgatg	gtgaggaaga	ggatggagat	gaagatgatg	aagctgagnc	480
agctaccggc	aagccggcng	ctgaagatga	tgaggatgac	gatgtcgata	ccaataanca	540
gacnaccgac	naggatgact	agacagcctn	naacgaaaag	ntaaactaaa	aaaaaaagcc	600
gcttnacctt	tncaccctnc	actgccgtct	canaatctaa	accttggncc	cctttnaata	660
anaaaaggcc	cgncgggnca	acngtgggcc	antgccacce	cgaagatgan	acncgctttt	720
caacacccaa	cccaaacctt	gaggaatttg	gaacaagggg	atggaaaaaa	gaaccnnt	780

&lt;210&gt; 4582

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4582

aanaatcctn	cctccccgtt	nnattentat	acaagctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggccttgag	ggaattanac	agattttctg	ttttgaatag	120
ccaacacatg	tttgaagtac	tagctgccat	gaatcaccga	tctcttatac	tcctggatga	180
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ttatgtggct	gcaactttcg	acatctggaa	gttcagaaaa	gttcttttta	tcctcatttt	360
atttgaaaac	cttggctttc	gacctgttgg	tttaattggac	ctgtttatga	agagaatagt	420
agaggatcct	gaatccctaa	acatgaaaaa	cattctatct	attcttcata	cttactcttc	480
tctcaatcat	gtctacaaat	gccagaacaa	agaacagttc	gtggaagtta	tggttagtgc	540
tctgactggg	tatcttcaca	ctattttctc	tgaaaactta	ttggatgcag	tatattcatt	600
ttgcttgatg	aattactttc	cctggctnct	tttaatcagc	ttctgcaaaa	agacatcatc	660
agtgcgtgc	tgacatcaga	tgacatgaag	aatgcttnca	agctgcatct	tttgataact	720

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756

<210> 4583  
<211> 751  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(751)  
<223> n = A,T,C or G

<400> 4583  
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gaagtnnaga tgaaatttcc actctgctgg ggaaactagg tagatagatg atcatgaaga 180  
atctgaggaa gaggagaagt cgtacaggta agaatgaatg cattcattaa tttattcagc 240  
aaaactgcct gaagaatacc atgtgcagca ctgcgggaca aaacagggtc tgcattccca 300  
ggctgtntct ttgtgaggac aacangaagg aagttgagaa acacacaaga acaatgctaa 360  
gatggggaaa ctccatacgc tgcgggagca catacagaca aagtccaggc agggctcccg 420  
gagaaagtga cttttctagt gattcttcaa gtatgagata gtcattccacg caaagagatg 480  
gtagaaaagt gttttaagca aaacaacaaa atgtgcatag gtcagaggc ctatctgatt 540  
ttctatggca ngctgggctt tcatcggcag anaggatggt cttantgaan gaagctttgt 600  
tggttttgtt ttctgttctg ttgttttaaaat ggtcatacaa agtttttatt ggctaccttg 660  
cttcaagaaa aactgggcca atgatgaggt gatcatttct attaatagtt tcattacngt 720  
cctgtgtcat tgggggttaac ccaaaaaaat t 751

<210> 4584  
<211> 757  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(757)  
<223> n = A,T,C or G

<400> 4584  
aggancnntn aactcctgcc agtanagaan acaagctact ngnncttttt gcangatccc 60  
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cttcaagtga tccacctgcc tcgacctnac catcctagat tgtaaacctt gaaattttct 180  
agagctgnct ccagtgacn ttaacttact gngtggatct gccttgctgc cctnactttt 240  
catantctca ccccgncctc accacttcct tgncttcnnn tgnactggct tgtgtttaca 300  
acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat 360  
tttcagccct tcttaatttt tctgngacat tcgtaccttt nttaaagntct tttcttggt 420  
ctgatgacct gagatatctt gattttccta cctcattggn atcctcaact ttcttcctct 480  
ggctttgcca tnttgntcct ntctcctcgt attcattggg ggncccatct gccctctggg 540  
aaagttcaac ananggtntc natacctact ccgcnntnc aangggccgc ctaatgaata 600  
taaagtctcc anggcaccaa ancacaattc ntttacaatg caatccannc ccttctcctg 660  
acttttcttg gcaattntac taacctaaact cntgggtggc ttcnaaaact ggntnaaaat 720  
ggaanctacc tgctacccca aantggggaa agggccc 757

<210> 4585  
<211> 825  
<212> DNA  
<213> Homo sapiens

1515

<220>  
<221> misc\_feature  
<222> (1)...(825)  
<223> n = A,T,C or G

<400> 4585  
ttatccnnta ccnaannaac ccttgcaaan ccgcgcncng nccggagacnc tagaggacnc 60  
ccngntaccn anttnaatgg gcacnatagg gancctttta ccgatgangt gggcgccggt 120  
ntacaccena tntactgtga ntatatngnn ttgtnnncng gnggcacac agcattctnn 180  
tcnactatatt cggggccaaa ntgagacgtg gaactgann cctcttacta caacacaact 240  
tnnatteacn ncatcnangt cnntngccan agnngagggn gcataaaaca ctnatcnan 300  
gattnnnat atganaccac gcggtaangt ttctgnggt nngacnnnac aggcncctnt 360  
tcaagtgtt ncaccagcag tngaagnnng gtgncccgc tntccgggn nggtgacnan 420  
tcnncaatn ngnacacggg ttnccgtgtn ntacnaganc actnacttca tgccagaacc 480  
ngcatnnang nnnnatngnc gactctgtnc cttgttcacn atgtactaan ggcttntttt 540  
acttgctggn gncncgtggg aacaatagtc ttnantntag gggataccnt tngtgnaaat 600  
ancnccnat cccananttg aancntaacn tntccgggccc ttnannccan tccgggttaa 660  
tnagcggat ttgntggng cactntnncc ccncacctag ttncaacgag gancatcccg 720  
gggnttann ccaggccttt cccagggtg aattncnaag gggggcttnt ggtaanncna 780  
agggaggttt tccaaaactt cgatnngggg gggngnaacc ccccn 825

<210> 4586  
<211> 1546  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1546)  
<223> n = A,T,C or G

<400> 4586  
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ccgcgnnatn tntagecnca gcanctcnac agtannnggt nngagcacat nnatncgagg 120  
gagngnnntt gantntnnn cnctacgnag ntacntnagn acagngcacn ntnagntttg 180  
tgnnnccgnt tttttttatg ncataagccn nccgcngana tacaatntgg cgcagacggn 240  
naggtgcggc ggnnnanagt gnccagnann aggcgcnggg gngcancagn cgcagnanc 300  
gcccannnc cnctannag nganancgna tccggnccgn nagaggcant ngtcanncgn 360  
cgcgagnnnn agnnnnnnnt nnnccgangcc gacgaanana gnnaggngnc cnnccnnnag 420  
ngnngnagnc anaaannnan tnnccaaaaa naggnagnna gannntgna tanntgcgc 480  
cnngtganta nccnaagnc nacntccncg gnncccgnnn ngancaggcn ncagaaggng 540  
cccnanncnt nnataanana ctncnnnnct nacanaaggn acnnnnncng cacnntgnga 600  
gaagangecn cngnnaggna caccgggann gnnnananaa agnccgggag canccaacng 660  
nantncant cgnccncgag natgannngn nncngcnnat ntccnccn aacagcnnnt 720  
nengactgaa gngtcngna gccgataatn gaacngcnn ntactgcnag cggantgnc 780  
cccgcatnn cgtanatnc gtntnnangc gnntcagngc gcnnnctcgn ncnactnnc 840  
catcacgcgc ntacantnat naccgcgang cgcgnangcg ccangnnng canacacgac 900  
ancgngtnc acncgcgnnn gcgangganc cgnccgatn ganacgagag ctacangagt 960  
atagcgacgt catancgnga gnganatgac gantgactnt agngcgnaen ncnnnngngc 1020  
tncgacncga cactntgagn catcctngan nncgnnagcg antcntcgtg anacanacgc 1080  
gcnantncnc acngagann aganggcang cacgcnatcg nccgagctac gancgnggat 1140  
gagnnntngg angcgacgn cgcntgcagc gcangngacg gncntgntgn gcgtngtgc 1200  
cnantangaa nncagcggt anancgngat gaaggannta tagacagnac cnactggcga 1260  
cnaagcaaag cangatagac tgtgacgcat gacagacggt ngagggtng atcgnnaca 1320  
gcacgcgcgg ccacanacgt acnnnantag catcagann nacagaacnc gacagannac 1380  
agacanactt gcatngngng acgananaat antcnccca cgcacaganc agacgagtag 1440

gcatgagcgt ngngcnnngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500  
 tgnannnta cncagcgnnn gcagannngn cgcncacngn ngcnnt 1546

<210> 4587  
 <211> 1003  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (1003)  
 <223> n = A,T,C or G

<400> 4587  
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 ccentcaagtc cnatncggcn cgagcncanc tttntnnann tgcgcgtct gagcccatga 120  
 gncacgacnn cnttcncgg cgctgnatt gncatntctc ccaaatacgt ggctnntccn 180  
 cantnngaatt natcgnnatt tttagtgcc gannattggc nataatgtnc nccntgagan 240  
 aaannctnct gncatgngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300  
 ntgaagggga acgggcncctn nnaaagngat gaatttcnna taacttnacn ggtnatnan 360  
 gaatgatttt gncacanc ccgaaaatcac cccactnntt tgnttcaaga ntgggcccct 420  
 aacgggaggg gtantagagg caaacntct tgcgggctn tntatttcc tttnttcaaa 480  
 caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng 540  
 attntttgnc ccattncaaa ggntgggtca attcccctaa aanaattggg aaaanantaa 600  
 tttncatttt cntttttccn ttnaaangaa accntnccnt gnanttaaaa aaanattctn 660  
 tntnntccn caaatttttt nnttttnaaa ccctnancg gctaaccagg nccgnttttc 720  
 ggtgnccctn tttattgttg gccanntaaa nccccntttt aaaaaaattg gccttnaaaa 780  
 aatccttacc attttttnna ancctaaaaa nggattaaac tttcaancc gtnaantaaa 840  
 tttnnngggg ttcattntnc tttgaactcc cctgcntcc cntanaattn gaattgncac 900  
 attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt 960  
 ttcancnaat nanntnatat tgccattttg nggcccccc cnt 1003

<210> 4588  
 <211> 997  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (997)  
 <223> n = A,T,C or G

<400> 4588  
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 ggcttttccc tgatttccag aatgtactgg gtgggtgcc tctgggtcttg ggatgggtga 120  
 agcataagga tttattgaat gaaagtatga aagtgtgggt tttatttgaa agtcaaatat 180  
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240  
 atggggggccc taataccaaa tttggttgaa ttaaatgaaa ttcccaagat tcttttctaa 300  
 cctttttctt ttttaaaaga caggggtctc acttctgggt gccccaggct gggaagtccc 360  
 aatgggtgcc aatccttggg caagactttg ccctgctaag tttccctta aggctaaatg 420  
 gttaaatata gtgggggttt tgtggaaatt tcntaagaag cccatttaa agaagggtaa 480  
 gttttttttg ggaattaaac ctgggttttt ccattcttac ctttaatgga agcctggacc 540  
 tggttaagttt cnattcccac ctttaatgga aacctggnaa cctgggtttt tccaatcccc 600  
 tccttttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaat ggggtgggtg 660  
 gtnggtncaa anaaaaaagg tttttaangg naatttgggg aaaagaaaaa attttccggg 720  
 ccttggtggc cntttttccc caagggttaa accttaaaaa aacccaaaaa gaaaacctgg 780

gttnngnccc	tttggggtgg	ccccctttgg	ntttnngggaa	aattccctttt	tcccaagaaa	840
tccantggaa	tncaagnaag	aaaaaaaaatn	ggggtggcnt	accaccttcc	aacaattttt	900
taaaaaaaaa	tggaccacnt	ggaccncccc	ctggaccatt	aaaccttccc	tttaaaattt	960
ancctaattg	ggggaaaaat	ttttttcccc	ccttnngg			997

<210> 4589  
<211> 945  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (945)  
<223> n = A,T,C or G

<400> 4589						
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aattcgggaa	tttttcgggc	atancnacct	tgcgttgang	gnganagcna	agtcggggtt	120
nggtngggna	ccnntgcag	gnntaggc	nagnntang	caaataccta	tccgttnnnc	180
aanctgggac	gncgcncccc	cnaaaattng	ggtttaacca	ctttnngtn	ggggcccntt	240
tccaaagggt	gntttccga	aggccnctt	ttttaannng	gaannttng	aaaaccnttt	300
ttttttnggg	ancaaanact	tanaannng	cgggggcttt	anccccctg	gtnataggcn	360
ttttggaccc	tncaagatgt	tcaacgtgan	tcntgccaaa	ggtttggnna	cttggtgcan	420
gggaaanaaa	ttgaaccggc	caatgnggat	gccttgcaat	gaagaagnac	ntcaattgct	480
ttggagtctg	gagaaantgc	attattattn	gctacaaggt	aancatnngn	atggactgnt	540
catngctgtg	nacgtntnt	nataatancn	gagccnaatg	aannacactt	ctantngttg	600
tactgnaata	atagggttna	ngntnntag	gcagnttggt	tcncaatcnc	cntangggat	660
cnnatggtaa	tgatggtatc	tgnaancctg	ncatactgct	ttaannttnn	gggggaaaac	720
nggctgagta	cttgaagtgt	aatgnttctt	tacntccagt	agcnananac	tggtatcatt	780
cagttttnt	cantagnttc	nncaaggtaa	ngnanaatgt	ttttaagnaa	aaatnnggct	840
ttttgttng	gggggnanaa	aantttcnaa	gnaactcggt	gcctacnnaa	angtgcattn	900
ttttgtggaa	aaacaanttt	ttgccccgng	aaaaancant	ttttt		945

<210> 4590  
<211> 754  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (754)  
<223> n = A,T,C or G

<400> 4590						
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tacaggcatg	agccactgtg	ccctgcctgt	aattttttatt	taatttttcc	ggatgatggca	180
tgagtgaatg	tccacattta	aagttatttt	ggttcacaca	tggcctttgt	ttattattta	240
tgagaaaaaa	ttatagaaat	aattttaagg	tggtacagaa	atgcaaactc	agaggactta	300
aaatgtacat	gaaaactcca	tttgatatga	caaataattt	acaggtcaaa	tatttttaata	360
tttatatata	taatagatgc	cagtttagcac	aattgacaag	ttctctttta	cagaaaaggc	420
cccaaatgt	cttctactga	tgccagatca	ggttgattatc	tagggataga	tatctgaaat	480
aagctaggcc	aatttgattt	tctcactcag	gaattatttt	attgactaat	tttattagtt	540
cattcagtc	gcaagtattt	attgaaggcc	gtttacatgt	tgggttgcta	gagatcaatg	600
atggaaaaat	tcanaataag	tttctgcttc	aaacaaagaa	attaaattgg	ctagacatgg	660
gaaaatagnt	ggccttccca	aganggggaag	gttctataca	tttagtgctg	ntaaggccta	720



taagaactnc ctctggattt tntcccccn ttgc

754

<210> 4591  
 <211> 1389  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (1389)  
 <223> n = A,T,C or G

<400> 4591  
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 tgtncacaan nctgttgtgt ctttacactg ctcnagtga tccgtncctg ncttggatcg 120  
 ggnggacctc cttgggagat caatncccc gtccttccta cactttgctt ctgtgaggaa 180  
 aagaatncca acctntccag cctttttaag gtcccttca tgacctnaa ccctaancec 240  
 cccanaaana aanaaccaat ttnnttcaac ccgggaattt ttttgaaaaa aaattcnccg 300  
 ggnggtantt tngggaaatt ttgaacccaa aaccngaann gggaatttta atttttntt 360  
 tttgaaaaaa aaaaatgggg gtcccccatt taggggtttt ccaaccccc caattggggtt 420  
 cccccctttt ttcccttngg ggggananaa agggaaaggg aacnccnngg naaagggtttt 480  
 tggggaangg ncccaanccc agggganaaa gggggggggg tncctctan gggnnatttc 540  
 cttgggncca aaaaaccccc ccccatgtgt ncccttttgg ggnaaaaaaa aaggggtaaa 600  
 gggngggccc aaacnaangg ggggtttggc nttntntatt nccnttccca aaanggtttt 660  
 taaaaacctt ttttccaana aanccccctt ttcccggggc cccntttctt ttttaaagg 720  
 ggntttttcc naaaaaaatt tggaattttt ttgnttttcc ccttgggtcc ccttgggggg 780  
 ttccccctt tannccccgg caccnttttg ggccenttng ggggggnaac cctttaacca 840  
 aggcccaaag gnccccnttt cntttntttt aacccaanng gggggnnttn cccctttaaa 900  
 ancnttttna aaaaccccc ttggaanttn gngnnaaaa aaanaacccc cnttnnttn 960  
 cctttaance cccccnttt aaanccaggg tccntnccn ttaaccttt ngggnccctt 1020  
 tanctnngg nttaaacct ttttcgggaa ttccaaattg gggnaaaaaa gtgngggggg 1080  
 ggccctttt gcccacaact ttttggaat tanggnaaaa cantttttt gtaaaagnaa 1140  
 ggcccaactt tgcccttaaat ttttttttg gaaaaaaa gggaagggnt ttttgggaaa 1200  
 attaaatttg gnttaaaaaa naaataacna antttgggca aancnngggg gancnttttt 1260  
 tnaaaagttt ncnttttccc cnttttcccc ccanttccgn aaangggaaa gaagnaaatt 1320  
 tncggggttn tttatttccc cannccccc ntttttttnn ggggggnaaa aaaaaatntt 1380  
 ttttccntt 1389

<210> 4592  
 <211> 955  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (955)  
 <223> n = A,T,C or G

<400> 4592  
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 tttccccgga aaaaaaatgg gaagggggnt tgtntgtaat ggtgtntccc ccaatttttg 180  
 gccaaagaaa gcccaagggg gaacaaagcc aaggttccaa ttcccccccc aattaaagcc 240  
 ccccccttct tggaaaagg gaaagggggg gaangggggg aatttgcctt taaaaaaaaa 300  
 gccaaagggc ccaagttttt cttggttcca aagttttctt tgaaccgttg gggccaaagg 360  
 tggcccaant tggcaaaact tttggttgcc cgggaangga agtctttaa ggaaagtgc 420

1519

tggtcantaa	attcaataan	gggtccaaga	accaaacaat	cttggaatga	aatgaaccca	480
cctggaaatg	tggttggtgct	gacccacaag	gaaggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	ttgcttnctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	gagactaaaa	atcatttctga	ggacaaagag	acaaagatct	gnctgtgggc	660
acactgtgag	gcttgcttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	agatcagagc	aacttggaaa	ccccaaagg	agacacaccc	tttaacactt	780
gccgtgctgt	gcttggtgcc	tgtccttnaa	ggaaggaaaa	gaccctatct	cctctggggt	840
ttgntggctt	gacanttgca	acttgatcat	gcctttgact	nentcatctt	nttaacaaga	900
aggaaagaac	ttgtttttta	ttcnaaaccc	ttttnaattt	nngggggggg	ttccc	955

&lt;210&gt; 4593

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4593

nnaaaacccc	ttngnnngna	cnncttttga	atnccctttg	cnactngetc	ttntgcnng	60
gatcccatcg	attcgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaatTTtnn	atctgacag	180
gtagtngcta	aaattagaaa	aaaacaaant	agatgcttaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgtcaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaactt	360
catagtnata	caaaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntctt	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
ctttttttctc	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttcn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaaagct	gccaagacag	angcagaaa	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnctct	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttnggntgga	accccnttgg	cntttttttt	780

&lt;210&gt; 4594

&lt;211&gt; 902

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(902)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4594

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ccggtnccag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaattg	ccaaggtng	ggtttaatgg	tnacctcct	aaagcccttc	caagtttttc	240
cantccaate	cttgggaata	ataacaatat	tgggggtacct	taatccttaa	caanggggggn	300
tggtggaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtntct	atgtgtgtgt	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaacnt	aaaataaaca	480
nagggcgnc	ngtggctcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctngana	ccngtcttct	aaaaatcaaa	aantaccggc	600

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cgggtggcggc acctgtntnn cactctntgg agactgaggc angagaatgg ngtgacnccn 660
naggcggact tgcagtgage cgagataagt gctactgcag tncgggnctg ggtgaangag 720
caaagactnc gncttcanaa nttaaaantna gtcanaanccc aaaattaagc aaggttggac 780
cccanttan ttaaaaaaan ttcccggtt naaaatttgg gaaagccttt tnccaagttc 840
ntntntaaat cccaatttta nttaaagcc ccccttngg ggtttttaa aaanncccaa 900
ag 902

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<210> 4595

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4595

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tnggccaaagg ggtaatnccc ccnattccg gaatttttnc ggcaaatttt cggtngccaa 120
ccggaaagcg aanttnttta gacgtgggga aaaaagnccc tttgncttac ccccccann 180
tanagngggg tnggggncca aaccaaagtc aangggggta ccnactttgn nnaacctngc 240
ctgggaatng aaacccgggt ttctnnggtt ttccnattcc cccattttc cegntntttt 300
atTTTTnaat cggaaaattt gntaaaaacn cggcgggtgt atttaccngn cccttttttt 360
cantcggatt tttnaaaaaa anaagaggag tggcaaagga aacccctttc tacacataac 420
tgaangccac cagtgattca gtnccagaga ggaggggcnt nncatantta tattcatcna 480
tgcagcagga ttttcngta aaaaaatcgt tatcaggcta cacacatgga ggaggctggn 540
ntcgcattgt gaaataccac actngatata cactgnatct tgacctactc ggccgacnng 600
catnaggtat anntgtcnct ntntttttct ttcttttgat ntttncngtg tcnnttagaa 660
caaagctcaa tctntcatnt angntcantg cntngtcnca atttnagttt aacttggtgc 720
cntgatcttn ccaggnttaa gcnaattttt gggcctttag cctcncaaa ttacnctttg 780
gactacacgg cntttaacc agccttgccc tgggcntgaa ttctgngat ccttttnggt 840
aanaaaaatg ggggggtttcc aaccattttt gggttttttt ttnggggggg g 891

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<210> 4596

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4596

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gaacgagcca anntttnacg ggcnaantng cancccaccc aagacannna tnggcaanng 180
ggcaanncaa cggagtnca nnaactnaaa cnggntgcca nagataccgg cntntgccan 240
agaantngc tnggcaattg atganaaant atgagnagcc cncctcgatc ggganggcna 300
cangggccgn aannngnctn acnctgngca gngcatnatg agcggcaaaa ngngnagctt 360
gaanncanna tanangata ctnagcngg angccgggag tgaannacnc nanngctata 420
taacctaacn ttnaacnaga tgggncaaca atgccnanaa cagggncacn ntangaaang 480
ttggggacgc ccccatccgg gaccangaca catgagntac tncntcaang acanagatca 540
acacangggg gaanacanca cacactgcnn taacngaagc atgaanggaa atgtggcctt 600
tcacnaaaag cgnacaangg attgctagat tgaanacaac cttaaccttn cnttagcact 660

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tgggcattnn	nntntacggg	aaanggnncg	caaangaggc	tnctnntgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggncgg	ggcaccccca	780
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<210> 4597  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1395)  
 <223> n = A,T,C or G

<400> 4597						
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ccgngcngnc	cccgcgcng	gnnnnnnang	cctttncnnc	ccnnnacnnn	ncacnccnga	180
aagcccncc	cncgcgnacc	gagnaccnnc	nccnccnncn	nccganccnc	ncgcgcngcng	240
ggncgggnant	nncngngggc	nanaennacc	gncnnncnng	nncaccnng	accaaggcnn	300
ncnccacnag	accnnagnnn	nncnennacc	ccnccannccn	nncnncatac	ngccnccnatg	360
cnacccaccn	ccccanccan	cagnennnga	cctcccnac	gccccnctca	acgncnancn	420
ncacgcgacn	acngccgcnn	anncgctcna	nncngccan	ccacnnacca	ncgcnnccagc	480
cgcnccgcag	cccggncac	nncnagcacn	acnggctngc	accannnnnc	acctnnnccgn	540
acnccaacng	cnnctnccng	cncnncncca	ngcnnccagc	acgacccann	ncnccagagc	600
gnnacccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
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cacnnnacca	cnnccnccat	gnncanacan	gngcnnnntc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gngnagnnca	aanatgnngc	ancnccntcc	cgngntanan	840
cncggacnac	ncagncanca	taangancgn	cncangagag	ncnccntccg	ancnccgaan	900
gncnccann	nccgncann	cnnntnncaca	acgnacacga	cnangnnccg	agcaccnccg	960
cggccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nncnnncaac	1020
gnncacaacn	ngcanaaacc	annnaccct	angacannac	gggncanccg	ngnccanccn	1080
nccngcancg	ctacgancan	cgcgnantgc	gcccacgacg	anacacgnac	annnnannnn	1140
gngngctccn	gacannccnc	gcccacacnc	tnccncccc	cncnccccagc	agntcgnntc	1200
nccaccgcag	acgncanag	ctacctennn	cngnntnnnc	ccnnnccgca	cancctann	1260
ntacnangn	acgnntcgc	naacantcgc	ancnccancc	tnccnccnacc	acnatgngat	1320
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nnancgcngc	cncgc					1395

<210> 4598  
 <211> 1053  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1053)  
 <223> n = A,T,C or G

<400> 4598						
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gagctcaaan	cnggncagat	tgtnnggatt	acagntgtga	ncctccctc	cngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	ggnatnnnat	ggnagctann	300

tnngntecnc	ngnnacette	ngnccccngg	nanctnntgn	nttctnnate	ctccannnct	360
ntcanntagc	ncngnnattt	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgcengnet	ctcctnnncn	480
nnnnngtncc	ctantntgtn	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tnengtctgn	tcancttcgn	tncttcannt	nntannctnt	tgnnncgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tancatgatca	cgcngncct	720
nntgntnta	atactcaacg	tcaccnttat	ngcgcataaa	nttcnnanct	tattgacagn	780
acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntnecagcg	tnttnnnctn	ntnnatnatc	tntcnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	ttngngnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccetgn	ncc			1053

&lt;210&gt; 4599

&lt;211&gt; 1053

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1053)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4599

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nntgtgatng	cangantact	gagatgggat	ncnnccccag	tngeccenttn	ctgggtctct	120
gagctcaaan	cnggncagat	tgtnnggatt	acagntgtga	ncctccentc	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	gnnatnnnat	ggnagctann	300
tnngntecnc	ngnnacette	ngnccccngg	nanctnntgn	nttctnnate	ctccannnct	360
ntcanntagc	ncngnnattt	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgcengnet	ctcctnnncn	480
nnnnngtncc	ctantntgtn	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tnengtctgn	tcancttcgn	tncttcannt	nntannctnt	tgnnncgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tancatgatca	cgcngncct	720
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acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntnecagcg	tnttnnnctn	ntnnatnatc	tntcnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	ttngngnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccetgn	ncc			1053

&lt;210&gt; 4600

&lt;211&gt; 1020

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1020)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4600

tntaatccct	cttncatatt	nttnggaatc	nnantngctc	tatngcgctt	gggccnatgg	60
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atgccggana	actnnnatgg	gatttttccn	acgttgcena	ttctggncnc	ctgagctcaa	120
agcaangcng	gattgctngg	attacagctg	tgagccancg	ngcctggctg	anatgacttt	180
tanaaaaaga	ctnctntaaa	gtagaangaa	nggtggaatt	gtatgcacaa	naagaaaaaa	240
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aacctcngtc	tcnngggctn	aagtgattnt	cctgccnnag	ntcccagggt	angctgggat	360
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tccatagant	ggntcncgga	anntctncca	tnttcnntga	ntacangnn	ntnncnannc	480
tantanntnn	ntcncctctn	tnnngntact	ntnnanntna	tcatnttnaa	ntggntctct	540
atctcnantt	cactaatngn	cctngnacna	tnattancgn	naccnctat	aaaatacaca	600
tnentgnttc	nnntnanata	caatnacatc	cntngtgagn	cactnactna	nacngtgatc	660
tctcgcanth	tntcnatcnn	ncnccatat	nnccanggca	catctatntc	agatnnaact	720
canctngtan	tattnagana	cncctcgacnc	actntctgtt	atacttntnn	cantctntaa	780
tagagntntt	ncganncnnn	cttctgntnn	ncnanacnac	attntnntgt	tacatcntnn	840
atatngcctc	tnattntanc	ntcgannnc	attntncnnt	tctncnctca	ttancnntnn	900
tancantcnt	cncncnntat	ntaaanncgt	ncacacagtg	cnnntatnc	accgaannta	960
cntnnacntt	atcacataat	cncctgagtnn	atatactcnn	gttnttctat	tcnctatccc	1020

&lt;210&gt; 4601

&lt;211&gt; 1081

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1081)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4601

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tggnangac	aaaagctnng	ncttnntccn	tntganntan	natatgnaat	ggagattctt	180
tctnatgnng	atcccattcn	gttagccnta	aaaannncat	acngncnnnn	cggaatngga	240
ccttagcaaa	ccaaatgcgg	naaagcctga	tggncgaatt	ngaangangc	cactgncccc	300
ttaaaaaatt	gagcctcnnc	cttnccctgg	gcgggnaaac	ccccttccct	nttnaaccgc	360
ttcttnntag	ntcaaaaagn	gnggtaaatn	ccccggggtt	cttatagnat	cttgntaacc	420
tntatccctt	gtttgaacaa	cttttcatcc	cctntntnt	ccccgggnaa	aagncttctt	480
aaaaatggnn	gggncccttt	cnttttantg	gatttttcca	atnnttaaac	ngcttttaat	540
cggnttccct	aagganance	ccggaaaaaa	aaaatttgan	tttnggggga	agnaagnatt	600
tccaacggna	aagaancnt	ttcccttggg	nggccaaaat	atttnatgga	cnccttttta	660
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ggtnttttaa	anccttgng	gaaaaaaaan	gggtttngcc	ntttnttttn	cncnccgtaa	840
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gggaacctgg	gaaaccnngg	gtttccccc	ttttttttt	ttttttttt	ttaancaatt	960
aaanaaaatt	cccacanttt	nttttttttg	ngnaaaangg	ttntttggga	acccccctt	1020
ttattanggn	ggngggcccc	tttggnaaa	aanattnttt	tnttttnggg	cgnaaaaaaa	1080
a						1081

&lt;210&gt; 4602

&lt;211&gt; 1046

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1046)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4602

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cgtnttttaaa cncctnnact cccgtgcttn atgccgancc acncgtactt aactggcgcg      60
ngatgtgtgc ttingtnagg catcactttt cccaagnatt tcatgttcat ngtaaagagg      120
aaaaatacan attnctctat aatgtctcca ctntattggct aantcgccac ttntcatctn      180
tgtgggaaat gccangtttt gaantcaagc cttcnnnaat tnngaacatt tnttncaang      240
tttattcccc aattgcgggg ggaanatccc tnacctggct naaaaatnaa atttctttaa      300
cccattnnga aattngcnta aggnnccaaa anaatttttg gcncctggcct ntcttttaan      360
ggnccttttt nccccaaaaa nggaaatttg gcccaaattt cttggngggga cccctgggcc      420
aacncctttc cccttggaag ccnaagnccc ccgggggaccc attggccttt naaanaaaat      480
gggnanttng gncccnanaa aaaaacnccc cctngggggg aaaaanttta aaanngggnt      540
nggccccntt taaaaccaa gnggttgga aaaantaagg nnccttacc ntaattttta      600
acagnttanc ccttttttgg tcctgggaac caaattggng gnatnaaagg cggaaaataa      660
atttgggaat nccccaccc caattntngg gaanagtnat ttggncnttt ttnaaacaat      720
ngggaaaaaa tctttaaggt ccnaatnacc cctggggggc ttggaaagtt tnttcaaaaa      780
nggatttncc aaaaccctaa cccttcccc aaaaaaaaag gggattccaa ngggtttant      840
tnccttcaa tncaggtanc ctgnccctta aattattatt aaaagccacc ctttcccgga      900
agaatccaaa tncgnaacc anagtttaaa aaanccaan ngaagccttg ggncanggcc      960
agttttanaa gaaaatggcc cnaacaaccc ccggttttgn aaaaaagagg accngggggt      1020
tttttttttt ttnaaaaaaa aaangg                                1046

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&lt;210&gt; 4603

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(891)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4603

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gaacactttg gtatctctga atatactatg tgtttaaatg aagattacac aatgggactt      120
aaaaatgcca gggaataata aaagtgaagga ggcccttaga tacagaatcc aggctcaatg      180
gataaatgtt tttggccctt cccaccccca tcatccagna gttgggaaaa aaagtgatgc      240
cgaatatacc caactcttcc ttttggtacc ctaccatttc tggtagctcc tgggttttgg      300
aaaaattccc atcntaccaa aggaacacagg cattagcctt ttgggtattt ccccaaaant      360
tcccccant tanttcaaaa aaacaaaaaa taggtttcaa ttcaaaaatg ggaatttttg      420
gnaaagttag gaaagaatcc ggtaccttcc ggtttggggn tttttaaaaa ttccaagaac      480
caccattgcc ttttgaggga aatttttaaa ccaggaaatc cccttnttt tcaaccctta      540
ccggaatttt cntttcttta atggaagnaa attctggcnt caagaaacaa cccttaccac      600
ccnttccaag aaaggttaac cttnaaaant ttcccagaaa agaatanntc ntncagcnt      660
tttntcaaaa aaataccaac ctccaaacct tagcttntct ccaatagcca atttaaagcc      720
gtgccncccc agtnaaaagg ntctttaaac atggacagaa catncgagat gtcagcaaca      780
aagaaactga aattccgtgg atctatncac acagaactgg aaaaaaaaaa aaaaaactcg      840
gcctctanac tatagggggt ccgattacgt aaattccccc ccagggnaaa n                                891

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&lt;210&gt; 4604

&lt;211&gt; 877

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (877)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4604

tcgnttngac	tnttgaat	ngaagc	cgngaacc	cangacncan	nognnncgag	60
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ntnctngaag	aaccctngnt	tgaattacna	nagagngccn	ngnattnnaa	gcccataatn	180
tggcnngcgg	tgtccattaa	ttntatance	ngcnanaca	gatgacactg	ttttaaggaa	240
atggngccna	acccaanccg	ggtggaanga	atgaatnnca	agantnggtc	tancggggan	300
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggn	gcaatcttgg	360
caganttg	tgatagttat	ccttnggctn	ccgnaantnn	cggnnaccgn	gaaccccata	420
gccgttaaga	aggtnaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	480
ctgnnaaacn	catcccacta	antggaaccn	nnnccggctt	ntnaanncnt	cnntnattna	540
ncctggac	ggccctaggg	ggaaanaaaa	agntgcong	tggcnaaang	gaggntncct	600
ttnttttgnn	naaaciaaag	attnccggnt	tgaanncc	gtcccnacga	tgtntcntaa	660
aggaccccc	taaaaccngg	gnncggncca	aggggaggnc	cccgttggga	tnttnggagg	720
attccttttc	cccaataaaa	actnttacc	agnttggng	agcnnngcng	ccaacccctc	780
cccgnttnan	tcnttnaaan	cnctctctng	aacnccctc	nnnatntgct	cccatttnaa	840
ngnnccata	ggggtttttt	ttttnttnna	nnnccct			877

&lt;210&gt; 4605

&lt;211&gt; 854

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (854)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4605

nnatcanttt	atcangcttt	ntnntcnntt	tgcaggatcc	catcgattcg	catctggcnc	60
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nganttcngg	ctttntgang	gngacggnta	gnnantcnan	acacacttnc	tnnacattaa	180
tggganncg	gcctganctc	ggganctncc	aaaangttng	nttttcctac	gaatgancac	240
nccttggnct	gngnggaatn	egggcgantt	agnctgcna	tggtgacatt	attntntcta	300
tataacanta	ttgctggcnt	ncctaccgna	gnnnntnnac	cctgnantgt	ggcactnccc	360
tncatatcca	nanntectcc	gactgtatat	gccttcctg	cngcatacaa	nnnangccta	420
tancttaann	gnaaccanan	nnntgnggaa	nggatganc	caatacatgt	gnncattntt	480
ncatngtgt	tcnncatgt	ggncctcgaa	ncctangctt	tggaaaccag	ngtttcacgn	540
gacaatgana	cctttccatg	cttntntgcc	ccncaatntn	cctcaatttn	nttataanca	600
aaaaattttt	ntntatattt	canaaggngg	tccagtantt	ttnttnacat	ggganngact	660
ttaaaattnc	ctaagcaagg	ggaanccatc	ttttaangan	cattaanttt	ctntgggggg	720
anaatccaaa	ccanancttn	gaaccttttt	tcaatgaact	tntngcaacn	ttattttttg	780
agcanccaat	ttttttcggt	tgaattcc	aaanacaaat	tgtgttttag	aggnnnnaaa	840
aaatcncttc	cnct					854

&lt;210&gt; 4606

&lt;211&gt; 1401

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1401)

&lt;223&gt; n = A,T,C or G



&lt;400&gt; 4606

ccttttgaaa	tttttnnaaa	atttccnttt	accncgggtt	tttttttnaa	tgggccncgg	60
gaatcccccc	natncgggaa	ttttccgnen	tncccttctt	gggaanagga	aaaaatnaaa	120
tnnnngagtt	tantggccca	cnataagggg	aatccaaagt	tngccaaang	tttanatggc	180
ctgggtntng	ttgcntccca	actggaacct	gggggtttcc	caagggggga	accccccggy	240
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ggtcaagaat	ggaaacaaat	ncctttccac	tnaatgggcg	gtggaaatgg	gcccttttaa	360
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naccttggtg	aagnaaaaant	ttccttggat	tttcnttttt	taaaacaaag	ttaaggccca	780
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aaaaaaaaaatt	ancccccccc	aaggggnttg	naaaaaaccc	aacctttggg	gccttttttt	900
tggggggttaa	anggaaaaaa	tttngggngg	gncccaaggg	ttcccanntt	tttnaaaaaa	960
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ctttgggttt	tggaaaaaaa	aaaaaaccca	aggctttggg	cctttanttg	gttgggccct	1260
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gggggggaaaa	aaaaaaaaanna	n				1401

&lt;210&gt; 4607

&lt;211&gt; 788

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (788)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4607

ngnnnnnnntt	tcnaaanccc	ttttcnaatn	ccttggtctat	ttgatctcct	tgcangatcc	60
catcgattcg	aattcggcac	gagaccctct	ctggccacat	ggaggcagtt	tcctcagttc	120
tgtggtcaga	tgctgaagaa	atctgcagtg	catcttggga	ccatacaatt	agagtgtggg	180
atgttgagtc	tggcagtcct	aagtcaactt	tgacaggaaa	tnaagtgtnt	aattgtattt	240
cctattctcc	actttgtaaa	cgttttagcat	ctggaagcac	agataggcat	atcagactgt	300
gggatccccg	aactaaagat	ggttccttgg	tgtcgtgtgc	cctaacgtca	catactgggt	360
gggtgacatc	agtaaaatgg	tctcctaccc	atgaacagca	gctgatttca	ggatctttag	420
ataacattgt	taagctgtgg	gatacaagaa	gttgtaaggc	tcctctctat	gatctggctg	480
ctcatgaaga	caaagttctg	agtgtagact	ggacagacac	agggctactt	ctgagtggag	540
gagcagacaa	taaattgtat	tcctcagata	ttcacctacc	actttccatg	ttggggcatg	600
aaagtgaaca	ataatttgct	atagagatta	tttctgtaaa	atgaaattgg	tagagaacca	660
tgaatttaca	tagatgcana	tgcngaaagc	cagccttttg	aagttatata	atgttttcnc	720
ccttataaca	gcttaacgta	ttactttttc	ttatttggnt	tatnataana	nagntgngtt	780
antaaaaan						788

&lt;210&gt; 4608

&lt;211&gt; 793

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(793)  
 <223> n = A,T,C or G

<400> 4608

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aaacagnagn	gnatnttnnn	ggcacagaag	gccngngcca	ntttcatgga	cacctggctg	180
gacctcngng	gaagngaact	ncgataagat	gngtgcggtc	actgcagnac	ctcacantga	240
taccgtccnc	tctaattggaa	cngancctcc	ccacatgcac	ncnccactca	aanggagntt	300
naaaggctgg	gttcagggtta	caggggcgtn	ttcttcaccg	tctgaatgen	ggaagacaga	360
ntacnagctc	cagaggagcg	ngggcgggag	acggagctga	natgcnngat	gtctaggaaa	420
ncgtcctcgn	attcctnagc	gcgggcngcn	ngactgntcg	cggcccttgc	ctgncttnca	480
ngagcgcttc	aacttnnncc	aacacacccn	cggnetgatg	ttccctnnct	cggcggcct	540
gcacacccca	acnatgcctg	actnggangg	ctcncctnnc	cacaengacc	ntganttnng	600
gnncaagtna	cancctgtnc	caaantaccg	nttaatncca	aaagnnacc	cntgaaaagg	660
aancggnccg	ggncctntag	ccngngntnn	ancnggancc	gggnnnncnn	ngngnangnt	720
ngaaagggtt	cncccgancg	nntntcgn	ncctcgnatn	natgcntccc	cnggcantag	780
ncnacntcan	ncg					793

<210> 4609  
 <211> 1104  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1104)  
 <223> n = A,T,C or G

<400> 4609

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gtttttgctt	tgggaagaaa	gaacttnggg	gaactggggg	ancaggctct	ttaagaatat	180
ttaatttggg	aaaatgcctg	ggccacctgg	tcctaatect	gggaatcccc	aaggggcttt	240
ggaanctaag	ggaattttga	agggaaagtt	caccaagggg	aaagccaaga	atttccaagt	300
cctggacca	ttttatttcc	antgccaag	gttttttttt	gggtgcctgg	taagttatta	360
ttgaatggaa	aaagaatgg	aaaaagcctt	gaaattaaaa	ggccatttaa	ttttcctgcc	420
ccctaagaag	tttggtttcc	accagcccc	taaattccaa	gggccattaa	tgggaataat	480
ggttaaaaa	caaatggaac	ctggtaaacc	cgtnggttta	ttacgaatgg	ttnaaaggan	540
ccaaaaaatt	ttaaaaaaa	angggggggg	tttttttaaa	naaaaaaann	gaagggccat	600
taaaagggaa	nccccctcca	aattggccaa	nangaatttt	ggaaggggac	ccanttnaat	660
ttttttta	ttnttggaag	cccttttaaa	aaaaagaatg	gaaattaagg	ggtggtttcc	720
ttccaangga	aagggttaagg	gggaatcctt	gggccttggg	aaaangggga	aaattaaatt	780
cctggaggcc	aaaaaggggt	aattgaaaaa	ccaagcccct	taatngccnn	tttaagnaag	840
naaaaaaaaa	gggttccctt	ttttaaattn	aaaggggcaa	tttttngggg	ggntttnggg	900
ggggggaaaa	ancccttttg	gnaaaaaaaa	aagggaaaaa	attngggggg	naaanccctt	960
nggggtnc	acccaaccca	aggggggncc	cccttttggg	nggggtgggc	ccccnaaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaaa	atnaaanaaa	tttngggnaa	1080
aggggcccc	aaaaaaaaaa	aat				1104

<210> 4610  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (785)  
 <223> n = A,T,C or G

<400> 4610  
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 nctggnnngt agccgctant ganttgatat ctgncagggt nactcctaga tgtcngnaac 180  
 cgcggtganat ctgccgcccg acctnagcat gnatntgagc gtctatcaca nctnnnnngan 240  
 actgggatnc acatntatgg anttgnncnn gacaanatga tatanntgnt ntcntntant 300  
 cngantaant ctaatttnnn gntatgtnta nngganctc atacctgtac aagacgcnc 360  
 tagcntgant gnctangctg ctnaccacat gtaggnattg aaannggtta nnttagacca 420  
 tgnacannnt gtgcctatac ttaaaagatc tnttgactan atgctgctcc ttgtagtacn 480  
 nnaccctga tctggncacc nctggtnant tantgctgtt ngccnnatna ggtacggtag 540  
 tttnganang ancatanctg gcgctacgnc nggcnttan ntganccnc atanacatcn 600  
 nctattattg ataccngccc ttaggatnag gcngtgtcaa atggatganc naccantagg 660  
 cnantnttgg tntcgtaacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa 720  
 cnggggcntn gggaaattan acatcgttgg cntgangcnt aggcttntcn atntttggn 780  
 ngann 785

<210> 4611  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (818)  
 <223> n = A,T,C or G

<400> 4611  
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 tcggcacgag gaaagctcat taccagtagg acataatttt tggctctccc tattcacaac 120  
 cagtgcacag tttgacacag tggcctcagg ttcacagtgc accatgtcac tgtgctatcc 180  
 tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgcca ccccgaaatgg 240  
 ctcactttca ctgaggatgc tgtcctctga tttagctgct gcctccagcc tctggcttga 300  
 gaacttacta aaggcacttc ctctctgtta aaccctgtt aactctccat aaatttggtg 360  
 attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccaccttctg 420  
 tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaaaga tgacaaagat 480  
 nttaaaaaaa anagaaagaa angnaaaaaan aaaanccct nactttttaa agnaaaattn 540  
 cctnacnagg attttttaan tatnagntna ttcttttacc canttttct tttntctant 600  
 tcctnngat nttttccaan ctnaanggct gggnatTTTT aaacttcant ancttggtga 660  
 aagacaaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gontaatnct 720  
 taaatttggt aaaaaatttn nggaaaattc cttaaaaaaa taaatntnct tattaanaa 780  
 aaaantngng ctttttagaa ctttngngng cnttttncn 818

<210> 4612  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (817)  
 <223> n = A,T,C or G

&lt;400&gt; 4612

ttcaaattngc	ttggntctng	ntctttctgn	angatcccat	cgattcgaat	tgtgactnat	60
ncnaggataa	atgtnatatg	cgtatgattn	tgatatgact	ttgatgagnn	tcttcagggg	120
aaattnctna	aantgaaatt	gctggattaa	ngggtaaattg	catgnatagt	nttgntagac	180
aggncannnc	nnctncctta	naggtngtnc	ccttttgtgt	tcctgccann	nataatntgag	240
agtnacnnga	ntatgtggtn	nanctntata	atgcttgccc	atctgatang	gaanaaatcg	300
agtatgcctt	aatntgccct	tcttttatta	tgaatcagat	tttaattntt	tgcctctaga	360
actatagntg	agtngtatna	cgtagatcca	gacatgataa	gatacattga	tgagnntgga	420
caaaccacnn	ctagaatgca	ccgaaaaaaa	tgctcnatnt	gtgaaatntg	tgatgntatt	480
gcttnatttg	tgaccattat	aagctgcnat	ntncaagtgn	acaacaacaa	ttgcattcat	540
tcnatggntt	cagggttcngg	gggactgtgt	gnnggatgggt	ttntaattcg	acggncacct	600
gtgccaaatg	cattggngcc	ccngggaccc	cagctttntg	gatncctttt	acatggaggg	660
gttnaatttg	gcccnccttg	ggcngttaat	cacttnggnc	cataagccng	gttttactgg	720
tngttgaaaa	tcggntantt	nccgtttcac	caaatttccc	cacngggnat	tttctagccg	780
nggnagcctt	caaaatggnn	anagcccttg	gggggngc			817

&lt;210&gt; 4613

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(770)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4613

gtttnnnnnn	ntttnnnnnt	tcaaatngct	tggntactng	ttctttntgc	aggatcccat	60
cgattcgctc	aggcttgggg	ggaagaacaa	gctacttggt	agttaatgga	tgatagctgc	120
tgtggccatt	tttcttaaga	gttagactgg	ggagatgggt	ttggaaagta	aaatgcaaat	180
ggtgggtagt	ggtattaggt	ggtgatgccc	aaggcgtgct	gtagaaacct	gcagggtgaa	240
gcccataact	tttgttacgg	gaatggggta	actgaatcct	aaactagcta	ggggagatag	300
ggatggaaag	agcagatgtg	gaggttgggg	agaaggaggt	gacaggagat	atatccagtt	360
ccagagggaa	tagggagagc	tgtgtggcta	agatttaact	gtttggacat	tttaatttggg	420
gaaattgttt	tccagccaag	tgaataaata	atactggact	tcaagtncaa	gcttcataca	480
ggaagtgaag	ttttggtgtg	gagatagctg	catagtcagg	gaacactcta	aattaaaaat	540
agggaggccg	ggcatggttg	ctcatgcctg	taatcccagc	actttggggg	gccgggcaga	600
tcattgggatc	aggagttna	agagcaccct	tgaccagcat	atgtgaaacc	ccatctnact	660
tgaaatncna	aaagattacc	cggcgtgggt	gtgcacgcct	gtatnccact	tctcnggagc	720
tgngcangaa	aattgcttgg	ccccggaggc	gtggtgcatt	aaccagttc		770

&lt;210&gt; 4614

&lt;211&gt; 1253

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1253)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4614

ccccnagttt	tcnaaaaaanc	ccncagttt	tggaaaangc	ccctttgtnc	tanacagggc	60
catcccccaa	tcgcatttcc	gnaaaaagng	cgncgcagna	nggacttggg	nnncgcttgg	120
acncncgnat	annntcgggc	aacacactgt	cgnggagagt	ttttntnca	gggccggggt	180
taattacagc	ctcangggta	cggaggggaa	aaacnanggg	ggaanattgg	nanannccgc	240

caaangggat	tttgggggna	aagnaattaa	nccccaccana	ngntntactc	ngncnnaccg	300
gggccaaatg	cnaggaaatg	gggaaanacc	tttccgtngg	ggcaagcccg	ggnaaccatn	360
gagcgnngga	ccanttatgg	ggcggggacg	naaacctacn	ggnccaaaca	anggccacct	420
gcttanggaa	actaggganc	gnttaanaag	ancgcganen	aagcccgttc	ncnnaacctt	480
tgnttgnnnn	annaatgggc	cntgggggnc	ntncaacacg	ggnggnntaa	annngnanna	540
nngnntttta	acaanncccc	tcaanggggt	aacccgnaac	caacctntgn	cacnggggnt	600
annnccnnna	aaaananccc	acacagcgat	acnncgggga	gaaaaaattt	ntaaannntt	660
nnaanancca	atngccatnn	aaaacnctt	gccccaaacng	ggaaaaaann	gcccccgga	720
atntancaac	cccangtagc	cccanaattn	ccccaaacgga	gngggcccca	antatctgnt	780
agggnaatng	nggnattngg	cnnttnnaaa	nggnaanata	cnaccgnttt	gngnggcnc	840
aanatggggg	ngaattgcaa	aagnnnttt	tggncaaaaa	ancnaaaaaa	ncgnccctnt	900
tttnnacnan	canggggaaa	nncctcnagg	gcaaccnata	ccnancctgg	nataagaaag	960
tccttngggn	acctnanaag	ngngntcccc	cccganaaaaa	aaaacnaagg	nggttancgc	1020
aanccaatt	cccccgngg	atattggaaa	aaaaccnggg	gaanaaaaaa	aaaaanggga	1080
agngcttntc	canggggggg	naancaattg	gntnaaaaaa	ccctttcncc	tttanangaa	1140
aacctttcnt	caaaaaanct	tntaaanaaa	aanccaatnn	ttatnncccc	cgaannccaa	1200
agnggtnttc	aaaatacnng	gancattaaa	ccgcgnnatt	atcccntnaa	aaa	1253

&lt;210&gt; 4615

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4615

ttcaaacnct	nggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggg	60
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aaagaagtgt	cacactaaag	gatttggatg	tagctttgcc	cattattgag	aattataagg	360
atcggttgtt	ggcaattgga	gaggttggac	tagattttct	ccccagattt	gctggcactg	420
gtgaacagaa	ggaagagcaa	agacaagtcc	taatcagaca	gatccagtta	gccccaaagac	480
taaatttgcc	tgtaaatgtg	cactcacgct	ctgctggaag	acctaccatc	aaccttttac	540
aagagcaagg	tgctganaaa	gtactgctgc	atgcatttga	tggtcggnga	tctgtaacca	600
tggaaggagt	aaganctggg	tacttcttct	taatttcccc	ttctatcata	agaaagtggg	660
cagcagaaac	ttntgaacaa	ttgcctttaa	cttctatatg	cttagaaaca	gattcacctg	720
cnctaggacc	ngaaaaacaa	ggtaccgnat	ganccnt			757

&lt;210&gt; 4616

&lt;211&gt; 1351

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1351)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4616

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atttttttca	tnnntttttt	tnggnncagt	naaaaaannn	nanantttnt	tnagggnnan	120

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ataaannnnn nntannnnga angnnnnntnn tntntnaaag tannnnnnngn tttttntgaa 180
nnnannagan agnnngnnntt tttttttntt nnnntanna gntttttttt tgnnggnatc 240
atantattnt nncaaggagg ggtannntat ttttnaanga tgaantttgn atntnanngc 300
atnnannaan naaanttnnt natntngnna taatnaaaga attnaataat tanangatan 360
atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420
annatatcta tgaatgatan ttanttangn ttnataannt annnnnaann gtnttatnna 480
annatantgt nattngannt gananaanng atctgccang nangatntna tnaaatntnt 540
nnnngaana ac antnncnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600
aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660
tatactctac tatatgaatt attcnnanga natnaattan agnntngaatt aaatatatat 720
atntanaatn tnatTTaatc tgtannagan tananacttn cnaancatnt ctatgatata 780
tgananagnn tatattctgt acttaatngn atattanata tgataaatan anagatatat 840
ataatattat nacatacgtg tatanantta tatntatntg nagtacnngn gannaatgat 900
tacttatatn antattnana tncnatanat atnnagggta tagtctgtga naatgtgna 960
tcannngagt cnnnataata nntntatctg ttatgttggt atatatttgn tngnatatat 1020
nctactannn nataaggnta taatttgnga nnagatgttn aantttntatc tcanagacat 1080
cnacatgcan atnangttga anantgtttt ntatatctca tangtantct cntatngatn 1140
tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200
ctatnatgtn ngtaacaactn nctntgtata nagnatgnc tcatanatta cncnntantn 1260
cngatatata tagnnnatTT ntatattnat actctantan ntgatngana tattntatnn 1320
acnnanatag actactatan taataanatn a 1351

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<210> 4617
<211> 805
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

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<400> 4617
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tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180
aaatgggatt ctaaaaaaag tgaagaagggt ctcattatta atagattcca gcaactattga 240
tctctgcagtt tcaaaaagaat tggccaaaga agttgagaaa atgggagcag ttttcatgga 300
tgccctctgtt tctggtggtg tagganctgc acgatctggg aacctcacgt ttatgggtggg 360
aggagtttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420
tggtgttctg tngagctgtt tggactgggc aagcggcaaa agatctgcaa caacatgctg 480
nttagctatt agtattgatt nggaactgct tgaactntga aatcttgga atcagggttaa 540
gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac nggtgttngt 600
caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctcggttaat 660
aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720
aganttttgn taccagcaca aaagangccc cantccttnt tggcaatctt gggcccatna 780
gatcttncag gtngatntgt nccct 805

```

```

<210> 4618
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)

```

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4618

```

ccntttcnaa tcnagttat cgenttttttg caggatccca tcgattcgtg ttgctgcatt      60
ctaagcttaa cctcctgggc tcatggcagt gacttgagct tttgattcat agaagaaagc      120
cagaggttct gcttggttct gtctgccagc cctcgtcgtt ctttctcctc tgcctctcac      180
ctctacccca aatacctctg ttcttagtct caaggggaga ataacatcag ggagccctc      240
atcttcccca gaaggacttc tcgttcctca tgtagttaac tccattgatt ttcttatctt      300
ggtgctgata gctctctaag ggtagggcac acctnccac agccaccctc ctcttcagag      360
agcccccagc cagcagcagg cccctctgcc tgcactcctc aggcttgccc ctgctgcct      420
cagtgaggca ctagtgccac tgcctgggcc caccgggcca tagctcaagc tgcagcagaa      480
atgcctctca gtggccaaca tgatgaaacc cctgtctcta ctaaaaatac aaaaattagc      540
tgggcatggg ggcggtgccc tgtaattnca gctactcang aggctgaagc aggagaacca      600
cttgaaccca ggangcggan gttgcantga gcccagctt gtgctattgc acttgcaccg      660
gggtgacaag anggaaattt gtctcaaaaa aaaaaaaaaa aaaaactnga nncctntaga      720
actntagtga gtcggattta cgtanatcca gacttgatta gatncattgt ta              772

```

&lt;210&gt; 4619

&lt;211&gt; 612

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(612)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4619

```

cnnagntcnn attnggttaa ngccctttct cgcagganga ncccatcgat tcgaattgan      60
ctctnggctc cngctgngna nagctancnn gntntttan acagccnagc angcnnggtn      120
gnatcaccaa ncntgggncc ntacnanggc annatttnng gccngntgna tttggnnaaa      180
agattgngna anggcaangn ttctgnctgc ccaaggacaa ntgctgatga gcngaatan      240
ctgggnacna annngnttca cctgatnggt attnacctnt ganacacatn ngngccaaa      300
aaatgggaat aaggnnctga ggnactctca gaggcataat gnactatctg ttctctntg      360
atanaggna gtnatattgt gannagccca taanngagca tatttcacca aaactntntc      420
cctgggtggt accaccttgg tcnaatgtng nagcaattng caaaatngac tangtncana      480
cgatcctacc gtgntctnna ccaactctga tnatgnnnng nnctngtctt cattgcnaaa      540
angaantca ttttgcnnnta ntactacttg aacgacttag agtngacnna tctacccatg      600
nagtcttact at              612

```

&lt;210&gt; 4620

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4620

```

annttacnaa ancnnngnga cntnctcttt ctgcaggatc ccatcgattc gggggcacag      60
gccgagctgg aaggagaatt tggcaaaaag gctnatggct tgctggggat gttcctgaaa      120
cgctcttctg ctcagcttat cctgctgcaa gcatggactt cccacctctg gaaaatgttt      180
tatgatgtc ggaagccccg gagtcagatt aagaatgaga tcaacattga caccctggcc      240
agagatgaat tcaacctcca gaagatgatg gtgatggtaa cagcctcagg caagcttttt      300

```

ggcattgaga	gcagctcttg	caccatcctg	tggaacacagt	atctacccaa	tgtcaagcca	360
gactcctect	ttaaactgat	ggtccagaga	actactgctc	atttccccc	tccccacag	420
tgctcagcta	agaactgtag	ggaagatgga	tgaccttcac	gcagaactcc	ttttgggata	480
tacatgatgc	agaaaggatc	ctacatggag	agagacagaa	ctctctcagc	tgacactctc	540
agagattcct	gatgggcttt	ctcttgaagt	ccaaggcgctc	tgcatgtgtt	ccttttcttt	600
tgcccatnca	tgaatgggtc	tggtttggnt	ttggtttttt	ttaataagga	atttcccggc	660
tggatttttg	tgaaggcctg	ttttaaattg	gactttactt	tgcccttttt	ggggtttctc	720
aantttttatc	ctanaaacct	ttctgacttt	tttccatcnc			760

&lt;210&gt; 4621

&lt;211&gt; 612

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (612)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4621

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngetgngna	nagctancnn	gntnttttnan	acagccnagc	angcnnggtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnetgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggng	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggt	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnctngtctt	cattgcnaaa	540
angaantcna	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttaacn	at					612

&lt;210&gt; 4622

&lt;211&gt; 1526

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1526)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4622

aggntcttgc	ttgncccatn	gcgaacgctg	gaaaccctcg	nncaanagcg	cgngaaaccn	60
cnnggntaaa	tgcccacggn	nannncacgc	nannncccn	ttttcncacg	cnaccacna	120
ggngcngan	nagggncntn	anangnacac	nnatcngaac	cantctntna	aagggncgnc	180
naaantnnnc	tanngtncgg	cntnacgagn	gggaactgna	acccccgngn	nngctacnag	240
nnacacnaga	aaacancnct	ngggtnaata	caacagccaa	cngncanncg	nntaannaat	300
tcnncancan	aggagagaga	cnnagnancg	cncacacant	nnngncccaa	cantggnaaa	360
ccacnagcnc	ntaanananc	gacccangnc	anntnnctac	aaganagnng	cctcacngcn	420
nanncnncac	ntcgtncgca	cccnatngga	accgcaantn	ncgaatcann	ncnnaggggg	480
ccgccannnc	nnacactcgt	ntnacgngag	cncgctcana	nacctacta	natnnngggc	540
gcctngngaa	caaaacaaca	ngccccanac	cgcctntntag	nncccntnna	anagatancc	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagaggga	aantgntngt	660
nntananaan	cnacaanggg	tnttccntnc	gcancacaan	gccaaaatcn	atntatgnac	720
ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananacng	780



nngtancnt	naaacaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan	840
cacnctantn	ngcanaaac	nccccctaaa	tnancgcgaa	ccctttgncg	ncnanngnat	900
cggntngaca	gnnncanann	nnnnnnntn	nanactcaaa	aggnanmaan	gntnganacn	960
nngcaanaaa	ccagcaccgn	ggtgncnnaa	cactcnggcg	taccnncagc	gcanntatat	1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcnctnnncg	gcgacacgca	1080
nctctaaagc	nnnncagntn	taanangncn	natnntaana	nnangctctc	aaaccnntcc	1140
gcggnannng	ncnctannac	tacgcaacca	catcaagnnc	cggnatgcgn	atccanncgt	1200
tcacataaac	ggggngacca	cnnngngncn	cnancganct	ntgttnnacn	gnngcgagnn	1260
ntnnnccgan	nngacangac	nannngnaaa	nacgctaccc	tnggcnaang	cacacatgng	1320
tgncaccgana	antctganta	tntnncntn	tacacncant	aacnacncan	nagnntanng	1380
aggnaaccca	antgaatnga	tannncncn	cgnaacgngg	anncccnnnn	ganantnaan	1440
ntaagnacan	nnanagnntn	nangcgcgca	nnacctntac	naacnncaca	nnctngcnnt	1500
cnaaaaganc	nacgcncntn	tcnccg				1526

&lt;210&gt; 4623

&lt;211&gt; 797

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(797)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4623

ttgtnnnncc	cttttnaaat	ncctttggct	anttgntctn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncatttaacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcatncttat	ttnnaactcc	ctgagtgtatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn	540
gccagataaa	tattttgata	ttagntttcn	tttttnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgnttngggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaa	aantnttgna	tacttcttca	taaaagggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggntta	ccaagcc					797

&lt;210&gt; 4624

&lt;211&gt; 797

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(797)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4624

ttgtnnnncc	cttttnaaat	ncctttggct	anttgntctn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncatttaacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300

gananganagac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtgg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcatncttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn	540
gccagataaa	tattttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgnntnggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaa	aantntngna	tacttcttca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatctc	ntganaatnt	780
acttggntta	ccaagcc					797

&lt;210&gt; 4625

&lt;211&gt; 1133

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1133)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4625

gctacnagcg	gngngaaaa	ntccnccct	ttnaaagntc	cctgggttaa	aaaaaccccc	60
ctttttcccc	ttttttggg	naaaaccncc	ccggtttttc	gcnnaaaaan	nggncccnng	120
ggggaaacnc	ccccaanctc	ggganangcg	caaaaaaata	nentggnggn	accggngngg	180
ggaagcncnc	cncacanncg	gagggcacca	nttttaccgn	gaatantggn	nnaggaanca	240
ngncncnntg	nttaccgggc	gaagcccggg	caangcnntn	tgggtanana	nttgggggng	300
gaaancngga	tccangggnc	cncnacggcg	cnaanggtag	ggannctnaa	acaannnaaa	360
ngtggngtcc	gntcnaanag	ngtnganccc	anaaaaaann	ncnnggtaag	nttgcggnncn	420
atacanaaca	naacnnggaa	gcngatgaaa	taaannnctg	tcatananana	ngnncancnc	480
acctggnnna	cngggccggg	aacncnanaa	gggnacanac	tcgnagaaaa	aanaanntgn	540
ntngggncgg	ggccgtgcna	gccacnccaa	aacaananga	annggatntn	gatnnggnaa	600
agaanaaaaa	ttncnaaaa	caaanannana	atgngnaata	tggggggggg	aaggganann	660
cgggganngg	ggggggatcc	nnatcctctg	ttaaaaangg	agnnggggna	nggggggancg	720
aaaaccnggn	naagganccc	annatgtgga	anncaggttn	tagnaaccaa	aaaaancggg	780
nnatctgnag	gngncaanan	nancnttant	cancnccnga	nngccntatn	ggngcaagggt	840
ggagaaatcn	cnggntaaan	agggnncccn	ggtgggnagt	ggtgaaaaaa	ancccganggn	900
aaangacnnc	aantngggcc	ccnnaggggn	angaanangg	gggaangnta	aaaagtggaa	960
accccaaaaa	nnngnaaaa	aaggtaat	tttgnnnaga	accntttaan	cngagggccc	1020
tccaaaaaaa	aaataactcc	caaatnancn	gaanacntna	ctagggggccc	annnaganan	1080
aactnntcgn	gctananana	gtgacatccn	ataaaaaacg	tntgaacncc	ncg	1133

&lt;210&gt; 4626

&lt;211&gt; 1195

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1195)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4626

agggnnnnnn	nnnnnnagg	tnnnnnnnnn	nttttttttg	gaaaaagncc	ccccnttttt	60
ttggggaaaa	acccccctt	tttgggggaa	aatttgggcn	cccncccccn	ttttgggttt	120
taaggggnnc	ccaaaaann	nnccccctt	nngggggggn	nnaaanann	nnnnnncnng	180
ggnnnnnnnn	nnnnnnnnnc	naaaagngnn	nnnnnnnnnc	nnnttgggnn	nnnnngnnnn	240

nnnnntttttt	ttgnnnnnnn	ccccnannna	nnnnnnngnn	nnnnngnnenn	ngggngnggg	300
gggncnnnnn	nnnnnggggg	ggggggnaaa	nnngggngnn	anacnnnnng	gggggggaan	360
nnnggnnnnn	nnnnnnngg	ncnccnann	aancgnnnnn	anancnnnn	nganggnnn	420
ncnnannang	nnngnaacnn	nacnnnnna	cnnngngng	aannngnnn	gnnancnnnn	480
nnnnnncnng	acgccccgc	gccgcnanga	ananaggcgg	ccaacgnaca	ccaggaacgn	540
nggcgnnaaa	gcagancagn	cgaccnnacg	nagngcngag	agcncnagna	angaacngag	600
naggganngn	nacgnaccan	nnngnaggcc	cncgcnnnag	aggngcaagn	naaacgnncg	660
ggagancaaaa	angacacnaa	acngncann	gaancaaccg	aannangggg	nccagccnag	720
acacgangca	cacngnaann	gagnangnnn	acagacgaan	nggganacgn	nannancaca	780
gnaannngcn	naaggccncc	gganacaang	ggacgnnaacn	gccngngcc	ncaaaggccn	840
gaagaaannn	nnngcagaca	nnccngcngn	gncnnngnan	aagagggnaga	cangggncga	900
nnnnangggg	aaggacaanc	aancnaagga	gcgcnnngnan	cacnnnccan	nggannagca	960
ncngacaana	annnanaacc	gnnaacgncc	ngaaaagagn	annnnagaaa	aannngaangc	1020
aaacngaacc	ggcacncncc	nnnnnncgac	ngcagacaga	nnaggggnncg	gnccnaacnn	1080
ngagggnnnn	ncgaganaca	ncggngaang	cngnagnaac	cgagnaaang	ncnannngac	1140
nannngnca	ncacncnng	gannggcgn	nanaacgcnn	gncncaaaan	ncgcc	1195

&lt;210&gt; 4627

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4627

cttttcta	gcttgggntn	gctctttttg	caggatccct	cgattcgaat	acagccctnn	60
cgntgncgct	ggntctgatg	gctgggntnt	tganncgagn	ctctngtgna	ngtncacacn	120
cnctcacnng	acatatggga	cattacacac	acactcctgc	tcaaatgctg	tacccatnat	180
gngtggaant	tctgnaggcc	tnagctctgg	cccntanggc	ggannnnngcn	actactttnc	240
atnaccncga	caccaagggtg	gctatggcct	tccnacttn	aactacaacg	ttggngngng	300
canannatcn	tnattnanna	ncaaagctta	ncangatagg	agagccnnat	aanngactgg	360
gaacntactg	nnnacancnn	atctgagaac	tcatgcggca	catggtggag	ncctatntgc	420
tcgaagaaac	tgtgttaaca	tgnactcatg	tgcnnngctn	acactcntng	ctgttncntg	480
cnnatngtat	acatgtatga	cacttctgtc	tgtgnaaagt	ggaagcattt	ctcatacngg	540
ncctatgtct	aatnagttnt	gaccccnngc	tgtagtngct	aantgnaaca	ggnttgatcc	600
ttacnntgaa	taactgtcac	atnnttaatg	agctggagaa	aagtagtcca	anccttagcc	660
cttctnggga	aagtttgccc	aacngtntgg	gagtncaaaa	ttnccttttna	ggtnaaggcc	720
cctttntnn						729

&lt;210&gt; 4628

&lt;211&gt; 911

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (911)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4628

tantangann	nnnnnnnnnn	nnngtnnnnn	atcanatnnn	nnntnnntna	nnngntcnttn	60
tnnggggnt	naananangc	gnnagtnnnn	gattttgaaa	acnttataa	gccttnangc	120
nategngttt	ntncagggn	ccntcgantn	gnnatcgga	cgagccggan	tacgcctgt	180

ttgggggttat	gtgggtcggg	gtggccgggtg	nttengcctt	cnggggcctt	gcngagactn	240
acccctanan	cgctcgctgcc	cccagctcan	ctcttactgc	gggcccgnrc	cnacggggga	300
ccatnctgtc	agggactatg	cggcccaaac	atctccttcg	ccaaaagcan	gcgccgnnac	360
cgggcgcac	gnggcggnc	ttggcgcant	ggtggacgtn	cannttgatg	agggactacc	420
accaattcta	aatgcccttg	aagtgcgaag	cagggagacc	agactgnntt	tggaggtggc	480
ccancattnt	ggggtgnang	gaaannccna	cccaaaatgn	ntnccaggac	tattgctatg	540
gatggnacan	aaggcttggt	taagaagccc	aaaaaaagta	ctgggatnct	tgggtgcacca	600
aatcaaaaa	ttccttggtt	ggtcncctga	gaactttngg	gcanaaaatc	antgaantgt	660
caatttgggn	gaaaccctan	ttggattgaa	angaagggtc	cnatcnaaaa	anccaaaaac	720
aaattttgcc	tcccnnttc	attgctggng	gggccttccc	aagnaatttt	tnaattnggg	780
aaaaattgga	aggnggtttg	gaanccnaag	ggaaaaat	ttttgggtgg	naacttgggg	840
tannttcnaa	aggggttttg	gtccgaaatc	cttggcntta	ncctttcccn	ttnttgeccc	900
aaangggggn	g					911

&lt;210&gt; 4629

&lt;211&gt; 944

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(944)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4629

aaaanncann	tacnnnnnna	annnanatnn	tancnaaaan	ntnatatann	ntnccgganc	60
nncnnnnn	cngttgattc	caancttaat	cacntnngan	tengatatcc	ngagccntcg	120
atgcnnnnt	naaacnatnc	gnangggnga	nnccaacenn	gggtctccna	angaacngcc	180
cnccggantg	accntgnacc	ctancaaaag	aacnngnccc	anctntttga	aagggttcta	240
gggcangcga	aaaccnaata	agncccttn	aaaaccnaca	ngaaactngg	ccngatccct	300
naanncnccc	caagnntgct	nnccacntn	ggnnntnttg	cctnngnang	tnctgnaacc	360
ccctgnaaca	tnaaggangc	naccaggnaa	aacacaanga	cattccnccn	ttaacntngg	420
aagnaaaagc	cnnanntcta	aatacanncc	caaccagacc	cannnttggn	ggggtntggg	480
gaaanacctn	ngnggggggg	gnagnaggng	gnntaatata	ngntaanatt	antnnccaaa	540
ggntcccaa	aggccttgnt	ttnnncccc	tttnnncaaa	aacaaaangaa	ccntttttnc	600
nanggnctgn	nttanannaaa	aatnggggnc	cccccaaaaa	aaaattncnn	tgntanggaa	660
ncaacntagg	gcctggncat	nnccnttaaa	tcgggggccc	tggaaaaaaa	ttntaaaata	720
taaaaaattn	cccgggggna	ttngnaaaac	cnntgccngg	nnaatttggg	aangnnnggg	780
gtttctngtt	naaaantngg	tngnattnga	ccccanaaat	ntttttttna	ttatncaaaa	840
nnnngtttaa	ttcccnccna	ttcttaaaaa	nttatcgggg	aancaaaaaa	natnggnnaa	900
aaaaacccca	nacaaanttn	ggggaaaacc	ccnnttanaa	aant		944

&lt;210&gt; 4630

&lt;211&gt; 937

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(937)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4630

gttctaattg	ttggaattna	atcgttggaa	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataaa	anttaantna	agatanacatg	cnantaacnn	180

agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanggtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnattntaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatat	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntttaa	nannnttant	tnggntnatt	540
natntgnaan	tttntnggng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatattnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggtnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgntgt	aantnattaa	780
ngaccgccta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgata	nnagnaa			937

&lt;210&gt; 4631

&lt;211&gt; 937

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(937)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4631

gttctaattgc	ttggaattna	atcgttggaa	agagctagng	attttngaaa	tcggtcataa	60
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tggtcaggaa	ttgttnanna	ngnanataa	anttaantna	agatancatg	cnantaacnn	180
agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanggtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnattntaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatat	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntttaa	nannnttant	tnggntnatt	540
natntgnaan	tttntnggng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatattnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggtnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgntgt	aantnattaa	780
ngaccgccta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgata	nnagnaa			937

&lt;210&gt; 4632

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1191)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4632

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tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnnnggn	ngggngnnan	nannntnang	ngngaangag	180

ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnntanacg	nggggggggn	nnannnaaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaanancta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaggg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnannt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanaentat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctganeng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

&lt;210&gt; 4633

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1191)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4633

tttngnaaaaa	annnnncnag	agggtttttg	ccnaaaaaat	ngggccnttt	gggggaaaaa	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnnnggn	ngggngnnan	nannntnang	ngngaangag	180
ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnntanacg	nggggggggn	nnannnaaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaanancta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaggg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnannt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanaentat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctganeng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

&lt;210&gt; 4634

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 4634

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ggttgatggc	atagcttggg	gccagagac	tagacttgat	tcattgcctc	cagtaatcaa	180
atthttgtact	tcagctgctg	atatgaaaat	tagattatth	acttcagatc	ttcaggataa	240
aatgaatat	aaggttttag	agggccatac	cgatttcatt	aatggtttgg	tgthttgatcc	300
caaagaaggc	caagaaattg	caagtgtgag	tgacgatcac	acctgcagga	tttggaactt	360
ggaaggagt	caaacagctc	atthttgttct	tcattctcct	ggcatgagt	tgthgttgcca	420
tcctgaggag	actthttaagc	taatggttgc	agagaagaat	ggaacaatcc	ggtthttatga	480
tcthtttgcc	caacangcta	thttatctct	tgaatcagaa	caagtgccat	taatgtcagc	540
acactgggtgc	thaaaaaaca	cctthcaaagt	tggaacctgc	cggaaatga	thgggtaatt	600
thgggatatt	actcnggcca	agthattctc	caaaataaga	gacctgttca	catggatccg	660
agcctgctta	atthcanggg	gnccacaatt	taggggaaaa	thtggttnca	acctactggg	720
thtatnctgg	ccaaaatggg	ccaagnccag	thttnat			756

<210> 4635  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 4635

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caggatccca	tcgattcgcc	aatggatgca	gganaactga	gatgggattn	ccncacgttg	120
cccaggctgg	thctctgagc	tcaaagcaat	ccanattgct	gggattacag	ctgngagcca	180
ccgtgcctgg	ctgagatgac	thttaaaaan	ggactnctct	aaagtagaag	gaagggtgga	240
atthtatgca	caagaagaaa	aaaacctgna	agaaaaacat	actaaagagg	ctggagtgca	300
atggngcgat	ctthggctcac	cgnaacctnc	gcctnccggg	ntcaagtgat	thctnctgcct	360
nancctccca	ggtagctggg	attacaagca	thgggccacca	cgcttggtca	attatgtatt	420
thtagtanag	acggagttht	thcatgttgg	thnaggctgg	ctcgaactac	ccgacctcag	480
gtgatccacc	cacctnggnc	thccacagtg	ctgggattac	aagcatgagc	cacctccccg	540
gnctccctgt	nncagnntct	ataatntgth	cntattatat	thtggttata	tgthngnnngt	600
gtgattatth	atthgganct	atthntcacat	thctthgnatt	aactatnatn	gtcctthnaat	660
ggtntaaana	naaagtthca	thcttacaaa	agnnggttht	ggtccaaata	acctcgggtt	720
thcaaggtht	accaatctth	gaaaaaaaaa	acctthnatt	cnattthtaaa	aaatnaacca	780
ththtaaaant	thngccnantn	ccantthtaaa	acattaaaaan			820

<210> 4636  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 4636

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catcgattcg	gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	120
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	180
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	360
ggggagaaggc	caaaaccatg	tgtgagtgtt	atgactatct	atttgatatt	gcggtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
ccaaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaataa	540
aagctatctt	tttaaatgaa	ttgaaatctt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaatggg	cacctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
attttnaaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggtatt	720
tttaaatcct	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accnncnn	778

&lt;210&gt; 4637

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4637

ttnaaaatcg	cttggcnact	cgtcttttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtggctca	cgctgtaat	cccagcactt	tgggagggcg	120
aggtgggcgg	atcacgaggt	agggagatca	agaccatcct	ggctaacacg	gtgaaaccn	180
ggtctctact	aaaaatacaa	aaaaaaaaa	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctactcg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggaggtgg	300
agcttgacgt	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgaagctc	360
cgtctcaaaa	aaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcctctt	tgtggatgta	atgaaaatat	cttcaagcac	tttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagccctct	ggtagggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgggtgctgta	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttgagg	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagacca	cctggccaan				750

&lt;210&gt; 4638

&lt;211&gt; 827

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (827)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4638

ttnnnnnnnn	tnttcaaate	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	accgggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	cagagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360



cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaagtg	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttgtg	accagaaggg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnntgac	cccgcttgg	attggaagaa	660
gccaaaaggg	agaacccccct	tttccggaac	cgggtttaac	aagntccctt	ggtntttttg	720
ggcannngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gncnttggg	annaacancc	attccggngc	ttcntcc		827

&lt;210&gt; 4639

&lt;211&gt; 827

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (827)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4639

ttnnnnnnnn	tnntcaaadc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
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cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaagtg	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttgtg	accagaaggg	aaaaggcngc	600
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gccaaaaggg	agaacccccct	tttccggaac	cgggtttaac	aagntccctt	ggtntttttg	720
ggcannngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gncnttggg	annaacancc	attccggngc	ttcntcc		827

&lt;210&gt; 4640

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4640

tnntttcaaa	tngattggct	acttggttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggttttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attecgtcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
acttttaaac	tttttattac	gaaaaatgtc	aaggaccctg	gaattacggg	gaggtaggca	360
ggataatggc	ccccaaagatg	cccggtgtgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatggggccc	ttaaagcttg	480
agagcccttc	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggccccgacc	tgcgctgctg	gccttagagg	aaggcccgan	gantgtgggtg	gccctaagc	600

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agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
cccattatgg agggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg aggggttttgn gtangnacc atnaaaaaan 769

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<210> 4641
<211> 769
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

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<400> 4641
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aacactgagt ccctatattga tgttaaaata tgaccgttaa acttctgggt aagataatga 120
atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa 180
aacnctctgc agtgtctggg attcgtcag tgctgcaggg gagggcagg gtgaggggaa 240
tgcccttga ggggtgatgg gctggggcat ccgatgcagc tttatagttc tgtaattacc 300
acttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacggt gaggtaggca 360
ggataatggc cccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg 420
gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg 480
agagccttct ctgctgagtc tgagagatgc canaagcagg agaggttaga acccgangag 540
ggcccgacac tgcgtgctg gccttagagg aaggcccgan gantgtgggt gcccttaagc 600
agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
cccattatgg agggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg aggggttttgn gtangnacc atnaaaaaan 769

```

```

<210> 4642
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

```

```

<400> 4642
ttatttgaac cctnnccent tcaaactcct tgttcttttt gcaggatccc atcgattcnc 60
ttttccatga ctccaggctg tgccctctct catgttttgg cccttctgtg cccatgggtca 120
ggagctattc ggggtggcacc tngctggcca ggctctccc agtcgtggca cctccacaat 180
gtgaattttc tgaatcccta ttccaggatt nctgggaata atgtttactt ctanaatggn 240
cctgntgtaa accatctcat cnagggtgtg taaagccatt gnatgatgag gggactgcca 300
tggaaggag agtttgttac ttacggttct gagaggagg gccacatagg aaagccccac 360
ggtgggtcac aaagcggaag gagggagggg aacgtgtggg cttgnttttt ctngcacatc 420
tctgaagagt tnttaatctt cactcatcat gtgccaagaa gtgncatcat aaaangaaat 480
atnttttttt cctaggagca gngttaaaat ctgggtcaca ttctgacca aggacagcat 540
cctgccttnt gcccatnenc ttcagttcac aaaagctgac attttaaaaca aatcatgact 600
cacacgntnt aattgggtat aaaaaatgtt gnggtacacc tgggttagata aaaacttaan 660
ggccacaang gangggcccc aagggtanncg atgtcaagtg tgnaaaggg gcctggattg 720
ggccttggnn aanggatttt tgggcaaaac ccaaaanttt ttngngcccc nn 772

```

```

<210> 4643
<211> 710

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gacttccctt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggaggttt	tccctgaacc	tggctcatgg	atanagaanc	120
ncacgagggc	ataactgcct	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnnnn	nnntntgcna	agntggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgcccncn	ntacttgcac	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgctcaaatt	gcagggctcc	tnacgcnacg	360
cttctntagc	tttctacgtt	tcttntcnc	cacngtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gctccntnta	nnntntcgat	tcnatcgcta	tacagncncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntncgatgg	aaancanggn	tttaaactgg	ntcnnngngg	aacntgaaca	nactaacctt	600
cnagtcnatn	ttttttggtt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atcnttcttt	tngggggaat		710

<210> 4644  
<211> 1315  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1315)  
<223> n = A,T,C or G

<400> 4644

anggnngnnt	ttttttnnnn	ttttttnnn	ccccnttnn	tctacnnnc	gtgggaaaaa	60
aaaatcccn	cntttttttg	ggggaaaaaa	aaantcccc	cccccnnt	nncggnncn	120
nntttttttt	tgggggggnn	ngtnnaaaaa	nngnnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnnttgn	nnnnancngn	nnagnnnnnn	nnntnttnnn	nnnnnnnnnn	tnnnncnnnn	240
nnnnnnntt	ttgngngngn	nnnnnnnggg	gggggnnttt	tttttttttg	ggnnanggnn	300
nnnnnnnnnn	annnnnnnnn	nnnnnnnggg	nnnnnnnnnn	nnnnngnnnn	nngggggggg	360
gnnnnnnnnng	tttttttnnn	nnnaannngn	nnngnnnnnn	ngngggggnn	nngnnnnnnn	420
nannnnancn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nnanannnnn	nnnnnnnnnn	480
nngcgngggg	gggggggggg	ncnangcngt	nagggganc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancgcy	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncngg	ccagnntagc	ncagnnttct	nannncta	tgngcggatc	anggggnntn	660
tnccctaata	ngtgngggct	aanannatgn	atggngnnac	tgatggngaa	acanttctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggntcttn	nannnnantt	gnnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncg	ntaaagtcen	nnannangtg	tntaanctnn	ctnaancggg	900
tatannnnnn	ntnnnnnggg	tnnnngnntt	cnnnannngn	nngnnannnt	gnnnnnagtn	960
tgngnttacg	annangtnna	nnancangnn	annnattgt	mntnngnnnn	annnnnnntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	ngtatngta	ngctggnagn	1080
gnantatann	ntaagnantn	ttcntnnncg	antntntnnc	gtnaacgacg	atntnngtan	1140
ncncgnntaa	nngcntaann	gcanatangt	natagnagag	tccctnagtn	gaccnagggn	1200
atgatatnaa	ngntcangna	nnnnnnntnn	nctntngact	anangagann	atgananatg	1260
gntnnctngt	gnnnagnatn	tgatntctcg	ntgctcncna	gnaggntaac	acacc	1315

<210> 4645  
<211> 791  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (791)  
<223> n = A,T,C or G

<400> 4645  
ttgaaanncc cnttagnnnt tnnttnncnn nctctcaaaa ccctttggca actngctctn 60  
tntgcaggga tcccatcgat tcgaattcgg cacgaggctg ccacaggggg gcaatcttta 120  
tttgtcttac ttccctacccc ttccctgttc tgccctcttta actcagttaa gttgttctgt 180  
ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca 240  
gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt 300  
tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc 360  
cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta 420  
aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgntt 480  
tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga 540  
aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag 600  
tggccaagag acttgaggaa aataccagat tttttggnta ccttggncctt ggtttaagtc 660  
ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc 720  
ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct 780  
naaagacanc n 791

<210> 4646  
<211> 791  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (791)  
<223> n = A,T,C or G

<400> 4646  
ttgaaanncc cnttagnnnt tnnttnncnn nctctcaaaa ccctttggca actngctctn 60  
tntgcaggga tcccatcgat tcgaattcgg cacgaggctg ccacaggggg gcaatcttta 120  
tttgtcttac ttccctacccc ttccctgttc tgccctcttta actcagttaa gttgttctgt 180  
ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca 240  
gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt 300  
tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc 360  
cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta 420  
aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgntt 480  
tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga 540  
aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag 600  
tggccaagag acttgaggaa aataccagat tttttggnta ccttggncctt ggtttaagtc 660  
ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc 720  
ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct 780  
naaagacanc n 791

<210> 4647  
<211> 1427  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1427)  
<223> n = A,T,C or G

<400> 4647  
nntntnttng gaaaaanttt tccccctttt ttactnntaa nacctccggc cattggccct 60  
gggccagggg gttccgggga acntttcttta aggnangggg naatncccc ccggggggtt 120  
aaccgaggaa ggcccttccg gaaaatttnc cgccccctt taattaaggt gggaagnttn 180  
tntttatttt aacaaaattt ncaacttggg gcccggtccg gtttttttaa caaacgggtt 240  
ccggttgga cttgggggga aaaaaaaacc cccttgggcc ggtttaccct ccaaaacttt 300  
aaatcgcccc tttggcaagc caacaatccc ccctttttcg gcccaagct tgggcggtaa 360  
ataagccgaa aagaangnc ccggcaaccg gaatccggcc ctttcccaa caagtttggc 420  
gccaaccctt gaaatnggcg gaaatnggaa cgccgcccc ttgtaagccg ggccccaatt 480  
naanccgccc ggccggggtg gttgggtngg gttaacgcg ccaagccggt nggaanccgg 540  
ctttacaact ttggnccaag ccggccccct taaaccgnc ccggctttcc ttttttcggc 600  
ntttttcttt tttccctttt ccctttttttc tttcggnccc caacgnttt tggggcccn 660  
gggcnttttt tttccccccc gggttccaaa aaaangggnc cnttttttn ntttttttna 720  
aaaaaaaaa aaaaaaaaaa aanatcnggg ggggggcctt tcccccttt ttttaagggg 780  
gggttttccc ccgnaaattt tnaaaatngg gccntttttt taaaccgggg ggaaaacccc 840  
nttttnggga aaanccccc cccnaaaaaa aaaaaaaacc tttttgggaa anttttaaag 900  
ggggggggtt ggnaaaatng ggggtttttc cnaaacccgt ttaaaanttn gggggggccc 960  
caaannttng ggccccctt ttggaaatta aannaaaccn ggggnttttt ttttttccg 1020  
gnccccctt ttttttgga aacccttttt tnggggaaaa tttcccccaa ccgggttttc 1080  
cnttttttna aaaaaaaagg gggggggaac cttntttttt gggttttccc cnaaaaaaac 1140  
tttgggggaa aaanaaaaaa acaantttt taaaancccc ccntttttnt ttttttttg 1200  
gggggggggc ccnnaaaat tttccctttt ttttttnggg gaaaattttt ttaaaaaana 1260  
aaaggggggg ggaatatttt ttttttggnn ccccgnaaaa tnttttttcn nggggggncc 1320  
cnttaatttt nggggggntt ttnaaaaaaa aaaaaaaatt ggggggggnc ttgggggnntt 1380  
ttttttaaaa ccnaaaaaa aaaaaanttt ttttnaaaac ccgccc 1427

<210> 4648  
<211> 1505  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1505)  
<223> n = A,T,C or G

<400> 4648  
tttttnccca aaaaaaaaaa tttnggnccc cttttttttt ttttnaaaaa aaaaaannnn 60  
ngnccccnn ttttnnagg nnnnnnnntt tttttnnnaa aaatnanncc ccccnntnan 120  
nttttttttn cccttaaaaa aanagnaacc ntttnggggg caaaaaaat cccntccnan 180  
aaaatttnaa tnccatacaa ttaaatnnag naanngnnc nnaangnnnn nnnaaannnn 240  
nnnnnnaaaa tntannnang nnnnancnna naanngggnc ngnaaanngg ggacaccnng 300  
nnnnnttgg nnggnttnaa atgnccnnnc cnnnaaggng ggntngtncn aaannnttn 360  
gnaannncac attngnnnna ncnanaaann gnnnnnttnn acctnaacan tggggannnn 420  
nnnnnnnttn naanacnca tnananaaan angantgcn caannnaann aagngnnaa 480  
annanatttn acnnaagca cnaacnncna ncnanaaaaa aaaccnngnn acantgnta 540  
ccactcang ctngnaccnt tatngnncna atngatgnnn annggncgca ctacannnan 600  
nngnccaag gnccacagan ccacnaatca nacntngtaa tntaatgcan cnnngncngc 660  
aatannnaga ccacnttnnn natgacanng caaanacngn canntanca annngaangt 720  
agtnacagta acatanganc ctnaantaac ctatagcngg gatnccagaa ctaaaatact 780  
ntanctacat gnaacnttat naataagaan annggatnaa atannatagt aatngnntc 840

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ttanatnata tctcacaac ncgatcntag aaataaataa atcgtagnan ttnttatatc 900
natanaanag attcatatan antnatatat ctatataatc antatataaa caacatatag 960
nnntataaaa anaaataacta aaaantcaan anntanatta nactcnnaan ngagggcaaa 1020
ataanncgna gnanaatata taagtnnnan tcacatanat nnanaaaaaan atatacaata 1080
tanannaaaa aananatang aaaaananaaa anctaaatan naacnnatan atataaaata 1140
tantcnnaaa acaatatata anatanaaat cnanatntan nganataaaag atnaaanana 1200
tnntntaanc ntncnnacac ataantntaan ntaatnnana aaantnanct tanngntgan 1260
aanactanaa anactnaaan nnnatcaa atanggnaa naatatanaa tatataacna 1320
atgngaaaca ttcaaanact annanatnna naaananaatc ttaataanaa atatananan 1380
ataanaataa taagannta aanactaaaa cacctatntc taaagtcact anatcatng 1440
nnanacanat ctataatnna annataaaaa aatatgnnt mnnanaataa tattntatcn 1500
annnc 1505

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```

<210> 4649
<211> 759
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

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```

<400> 4649
ttantcatcn ctcttgtttg antnccntac aactacttgt tctttttgca ggatcccatc 60
gattcgaatt cggcacgagg tgagccgagg ttgcgccatt gtactccagc ctgggcaaca 120
agagcaaaac tctgtttcaa aaaaaaagaa agaaaagaaa ttacctggaa ttcaatattg 180
ccatcggtcg atttaattct aatatgaana aaggggcagt gtgatgtgcc atggagcatn 240
cacaacctgc catttcaccc accaacctta gaaagccatt gaaaagagtt gtttttaatg 300
gtgtttttac atccagcttc ccacacctca aatacttggg gtggaattgt taatctcaca 360
ttgcagtaca atgaaaatag tggaatggaa atcaagttat aaaatggagc taaatatttc 420
ttctgcttgc ctctgagttg acaagatacc ataagatact gtacatgagg ctgggcgcgcg 480
gtggctcacg tcttatttct tctgcttgcc tctgagttga caagatacca taagatactg 540
tcatgaggct ggggtgcagt gctcacgcct gtaatcccag cactttggga ggggtgaggtg 600
ggcagatcac ctgaggtcgg gagttcaaaa ccagcctgac tgacatgnag aaacccctc 660
ttttctaaaa aatcaaaant agcccaggcc ttggtggtgc atgcctataa ttncagctac 720
tcnggaagct tangcangga aaaaaaaaaa aaatttccn 759

```

```

<210> 4650
<211> 917
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (917)
<223> n = A,T,C or G

```

```

<400> 4650
ccnccntntt tcccccttnn nnggtgggna aaanaaccnn cttttttgaa aaaaaacccc 60
cccccttttt tggnaaaaaa cccccgcttt tacnanaaan acnggncncg agggggganc 120
ccccnccncc ngggnngggn gngangcnnn nactngncna cncacggcn naacacncaa 180
aaactngggn gnggattnta ttgagnggna aaagggaaga nggctngca nagnnagaga 240
aanngggcna gcccgnaac gacgganggg naaaaatatg gggggnnnaa ngacaaaagg 300
agccctgcg cnaanccgaa ccatnannan ncccacgtag cccggccna ccnacgaacc 360
aannccctaac agaancaana tngggcnggg anaaacagnn naggnaaaca aggattcgag 420

```

aggangaggg	gggaacaagc	antngtgggn	gangtnanan	aacangggga	ttttcnaatg	480
agaanaatgc	anggcnga	natncgctg	ggnatggagg	gnacttgcnc	cgccagatcg	540
cataaaacgc	acgcaactgn	gccacaaaca	tacggangan	tgngcaannc	naaannngnn	600
gccccgantn	acctgaggag	gganctaang	ctttgggaaa	agaacaaaan	acctnggacn	660
ggacaagggn	gaaggatgaa	cangaagacc	cggaaacaag	aggaagggga	nncgccncta	720
aanntaaaca	catccaaang	cgnaaagggg	aanccttngg	ncnaannagag	gaaacctgna	780
ccctnacntc	caaaccncgn	ttttaagaaa	gggggaaaac	caaccnntga	agcnantncc	840
ccccnnnggg	ggnaaannaa	cnacctgggc	ccaaannntt	tgaangaacn	gananggnaa	900
acnaagggna	atggggg					917

&lt;210&gt; 4651

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4651

agnnnnnnnn	nattnnnnnn	nntttttgga	aaaaaccccc	cttttgggna	aaaaaanggc	60
ccccgagggg	natttnnaat	ttaccccctt	cntnnttgca	aaaancncn	ttttggggaa	120
aaaanccccc	cacancgncn	nntttttgng	gnngnaaaaa	aggnancccg	nnnnnnangg	180
nanctannnn	nnnnncncnn	nggcnnanng	nnnnngnggn	cnnngnnngn	cnnnnnnaan	240
nnnnnnnggg	gttttttnan	nnncncnnan	cnannnnnnn	nannnnnnnn	ngnnnnngng	300
nncnagnncg	ngggggggnn	ncangnanaa	nngggccnng	nnngngnang	naannngnna	360
gngccaanna	cnannaaggn	nannaangga	ccnnnnnana	nnnanangcc	nncccccccc	420
canaacaagn	acccatgacn	nnnaatgacn	aggnccctagg	naccanaaan	ccaagcccn	480
ngnananctg	ncncaggcca	ngaacaccag	ccaaagaann	gagcaccccn	aaccacnagc	540
ncancnaggg	aaancagggn	caaaggncaa	aggnaactaa	ccaaanaaacc	cccantaagg	600
gccaaaaaag	cctnggagcn	gcgagnanaa	nnaaaaangc	ctaaggngnc	cnanggccng	660
aaaaaagang	cgnanaannc	aagggaccan	aagagnaaan	naangnccca	antcncannn	720
aannananag	ngcnccccc	accannaaga	tcnnaancn	gggggnanna	acnngancaa	780
tcgnncncnn	nnncncnann	ggnacnaaan	anaaaaancg	ggngaccaag	nccnaaaangc	840
angannanaa	aanagntaca	ngntcggnca	tnaaaaacn	ancacgngaa	aancacacnn	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac	960
anaaggngan	cnacnggcn	ggannnanac	aananggc	aaaannngagn	caccgcagna	1020
ancngcgana	nngcgcnnc	cnanaacggn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana	1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnann	acaacnatac	ngacanacng	canntgaaaa	atnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

&lt;210&gt; 4652

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4652

agnnnnnnnn	nattnnnnnn	nntttttgga	aaaaaccccc	cttttgggna	aaaaaanggc	60
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```

ccccgagggg natttnnaat ttacccctt cntnnttgca aaaancncn ttttggggaa 120
aaaanccccc cacancgncn nntttttgng gngnnaaaaa aggnancccg nnnnnnangg 180
nancatannnn nnnnncncnn nggcnnanng nnnngngngn cnnngnnngn cnnnnnnaan 240
nnnnnnnggg gtttttttnan nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccng nnnngngnang naanngnna 360
gngccaanna cnannaagnn nannaangga cnnnnnnana nnnanangcc nccccccccc 420
canaacaagn acccatgacn nnnaatgacn aggnccctagg naccanaan ccaagcccna 480
ngnananctg ncnacaggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc 540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg 600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggngnc cnanggccng 660
aaaaaagang cgnanaannc aaggggaccan aagagnaaan naangnccca antcncannn 720
aannananag ngcnccccca accannaaga tcnaaanccn ggggnannaa acnngancaa 780
tcgnncncnn nncncnannc ggnacnaaan anaaaancgg ggngaccaag nccnaaangc 840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacnn 900
caanncaanc ngnanannng gggagagnc acnnaannga nanaaannac nacnaccac 960
anaagggnan cnaanggccn ggannnnanac aananggc anaaannagn caccgcagna 1020
ancngcgana nngcgcnnc cnanaacggn agncnnaaaa gaaaganacn aannacangc 1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana 1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn 1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann 1260
nanagaacgg agagnacaac cn 1282

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<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

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tttggggaaa aaaaaaaccc cccccccttt tgggggaaaa aaaaanngnc ccccnagaaa 60
ggngnnnctt ttttggnaaa aaaacccccc tnttttgttt ttgcnaaaaa aaaccnccnt 120
tttggggnaa aaattncncc ccnannnnng ncccnantnt ttgnnngaang nggaanangn 180
nnanannccc nncnnnnnnng nnnnnnnann nnnnnnanga nnnanaanag gnnnnncannn 240
nannnnaann ananaatnnn nttnannnnn nnnngggggg ggcnnatann anannnanna 300
aaaaannnna annaaaacca nangggngna nngnnaanan acnnnnanaa aannannnna 360
nnnanangga aanannnnna nnaaannana agannnnnnn nacaaanncn naaannngna 420
acnnnnnnng naaacanagn aanaggaan nnanacnacn caaaaaaaca cngggacnaa 480
naacangana gnatnnnaca agncaanaca acgaagaaga cnnataaaca ngcacaaaat 540
aancaangaa agngnaangn gnaaaagnacn anggnaanaa nngaatacag gaaaantnan 600
ataaagacaa ntngaataag nnaacancaa atcaanaang naagggaacnn nctanacaac 660
accaaanann gaaanacaaga tanatactag anntanggna caanagnaaa aannannnnn 720
cangctanga ggannngnng aaacgaaaaa nacaacaaaa cgacaagaga ncacaangan 780
gaataaangc aananacacn aanacgaaan caaaagaang naccncncn gaanaagaga 840
cnnnngaang aancgaaana nnaacgcnaa cagacnannt aaggacncac ataangaanc 900
anagaaanga cgancnagan aggggnaaa anancnccag nagctaaca aacagnaaaa 960
tanngcacnt annagatnna nnanangaaa canacaangc aagngcatnn aaaganaaag 1020
aataanaana cannnannan aggcnaaga annnaaanac naaaatanaa aagnacatag 1080
acatanacca nacagnnnna aangaanagn tacgnanaca anaaaaanaa atcacaaann 1140
ccnaaacgcn acnactaaca nacatatcaa cnngacannn nnnacagcaa aacagannnn 1200
anganaaanc acnnaannaa gagaatanna canaccanga atatgtanan acannnacao 1260
gagacgnaat agnnaacaga natcacaaca cacnnanata tacgcnaatn nncacgaann 1320
gatatgaann acacannacn cgtcacaatc acancc 1356

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<210> 4654  
<211> 1356  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1356)  
<223> n = A,T,C or G

<400> 4654

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aattnccnc	ccnannnncg	ncccnantnt	ttgnnnga	nggaanangn	180
nnanannccc	nncnnnnng	nnnnnnnann	nnnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnnggggg	ggcnnatann	anannnanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnanaan	aannannnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananaacacn	aanacgaaan	caaaagaang	naccncnan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnaa	aangaanagn	tacgnanaca	anaaaanaaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acanc			1356

<210> 4655  
<211> 1326  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1326)  
<223> n = A,T,C or G

<400> 4655

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ccnnggnggn	gnnnnntnnt	ttnnnnngnt	tttccccnn	nnntcttttt	ctngggnaaa	120
aanccccct	tnntttgggg	gaaaaaaann	ccccccnnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnncccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	gggggnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	420
ggggggggng	gngnggnngn	nngcnnngnn	annggnngca	nngngnngnn	nannggnngg	480
gnnnnnnngn	annnnnnn	ngnnngnnng	nggnnnnggg	ncnannnnng	cnnnnnnngg	540
gggnannngn	nnnnngnann	nnannnnngg	ggannngggn	cgngngnngn	nngnganann	600

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nnggnngnan ggannnannn annnnnnnng gnancennac nnannnnnnn nngngcgggga 660
ancnnncnnn ngnnncnnng acnnggggnn gnnnnnnnnn nnnnnnnng aanggnnnnn 720
nnnngnnnnn nnnngannnnn nnnnnnnngn gncnnngncg nnnngaagngn nnnnnnnngn 780
nnnnnnnnnn nggggggggn nnnnnnnnnng nnnnnngnan cnnnnnnnnn gnnnagnggc 840
nnngnnnnnn ggnnnnngcnc nnnnnnnngn nannnnngng nnnannnnnn nnnnnnnngn 900
gnnnnnnann nnnnnnnngn nnnngnnnnn nnnnnngnnn nnnnnnnnnn nanagnnnnn 960
nnggnngaann gnnannnnnn nnnnnngngn gnnnnngcng ngnnnnnnng nnannnnnn 1020
nnngnnnnnn nnnnagggnn nnnnnngnnng nnnnnngngn nnnannngnn nnnngngnnn 1080
nanngnnnan nnnnnngnnn nanncacnnn nnnnnngggn ncgnnnnngn ngnnngnnnn 1140
nnnngngnnn nnnnnnnnnn nnnngnnnnng nnnnnnnnnng cgnnnnnnnn nnnnnngngn 1200
ngnannnnnn nngnggannn nnnnnnnnnn ngnnnnnann nnnnnnnnnn ngannannnn 1260
nangnnngnn nnnngnannng nnnngnnnnn nnnnnnnnnng nannnnnnnn annnnnnanc 1320
gcgncc 1326

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<210> 4656

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 4656

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gnnnnnnnnn nnnnnnnnnn ttttgggaaa aaencccttt gggnaaaann ncccgggggn 60
ntttgaaann cctcctccg gaaanccct ttgggaaann nccccnngn cngttgggan 120
ccnancgacc cgaatncggc acgagccgag gaccagcgca gcgaggagaa ggctncagcg 180
ngaggccaac aannagancg agnagcagcn gcagaaggac aagcaggncn accgggccac 240
gcaccgcngn ngcngcnggg ngngggggga acncgggnaa agcaccanng agaagcagat 300
gaggagccgg cangtgaatg gggnaaang agangagaag gcaaccagan nagagnggac 360
tncattctga gngagangaa cnggccngac tntgaenac ctcccgaagn ctangagcat 420
gccaaggcnc tnggggagga tgaaggagng cgagcctgct acgaacgcgc caacgaggac 480
caagctgatn gacngngccc agngctncng gacaagaacg acggggagta agcaggccga 540
cnangagccc gagcgaaacg gaccggnnc gctgccatgn cngactnccg gaanccangg 600
ggaccaagan ccaggnggac aaaggcaact gccacanggg ncgacngggg anggccagcg 660
cngaagaang ccgcaagggg gaaccaggn gctnaaaccg aaggggaact ggcnancagn 720
nnnngngggg gggccagcag cnacnnacca acanggggca anccgggaag ggaaaaccan 780
gancaacgcg ccngnangga aggnaccgga accnngnana agaagcaann ngggaacaac 840
anganggggn ngcanancca tcncnnn 868

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<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 4657

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ccnaaaaaa aaanangncc ctttttgggg gtcaaaaaaa atccccggccc caattnttnn 60
nnnnntttt tcaaaaanaa aaaccccccc tnacntttt tnccaaaaaa aancggcccn 120
tttgggggga aaaaaaaacc ctccncaaaa annngnnnn tncaattcaa naccnngagg 180
gnnatnnngc ccnnaaanna nncennaang ngnnncanta gnnnnnaana nnnngannnn 240

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nncncaatnn	nggnngnccn	nnanacnnnn	nnnnnnngncn	nannaannan	acnnnaaggg	300
gggaaantnc	ntnnnnnann	annaaagggn	gnnnnccaaa	annnnnaan	nnngnggnaa	360
nananannnn	gnagnacnng	aaaccncnan	antncnnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnanana	accacannc	accagaacac	ancagnacag	ncaaancntc	acatananaa	540
angtgcanta	cnnnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgacact	660
aanaagcaca	nanacgngcc	nacaanaccc	nacacaaacc	nnacngccaa	nnancnaaaaa	720
ctaaaacnga	atatcaacna	cacnnnnnaa	ctncnacaaa	aacnaccacc	ngnaaaaaacn	780
nnnngnaaag	gnngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaaac	840
nnntnnacna	tgacanacaa	anaaananac	nnntaaaann	aacaannaca	acncnaacan	900
nttaaannc	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
aaacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aaacccnaaaa	naccnatnt	naaacaagcg	ncaaaccana	acnggaccca	tccaannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaaanctn	natngacacn	nacaaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncntc	nancgcggga	gnnaaaaaata	anacacanaa	acacacnca	1319

&lt;210&gt; 4658

&lt;211&gt; 1088

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1088)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4658

gaggnttttt	tccaaaaaaa	nnccccagag	ggnnnatttt	tgcaaaaaaac	gccnttttgg	60
tttacaaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	tntntnggga	120
nnnanaanaa	nnnnnaann	ganggganan	naaannann	annnnnaann	nannnnanag	180
anaanagggn	gnnnangnna	nntttttnnn	nannganggg	ggaannann	acnanngggg	240
nganannann	nnnnnnnnn	annngggngg	gnnnanann	aannangngg	gnaganagan	300
nnannnnngn	nananaccnn	agnnnannna	ganannnaaa	naaannccnn	annnananaa	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaaant	acngnaanta	anacaaaaaa	420
aacaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagnentga	cnaaagagga	ngagntnntt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaangan	600
ngaagnatga	aagaaaaann	naaagcntng	gnanaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanaag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	nanaaaagaac	nanatataan	780
nganaagnta	nacanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaananan	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnannn	nanaaaatac	nnnaaaggga	gananacgca	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanaa	1080
aacaacnn						1088

&lt;210&gt; 4659

&lt;211&gt; 1267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(1267)  
 <223> n = A,T,C or G

<400> 4659

agggttttttt	gcaaaaaaaan	ccccccnttt	ttggncnntt	tttgcnaaaa	aanncgccctt	60
ttgggttttna	aaaacacccc	cctttttttgc	nnaaaattat	acgcncagtn	annatgnnnn	120
ntatnnnnnn	nnannnanaa	nnnnnnnnnn	aananaannng	ggngnnnnann	annnaaanna	180
naannnnnnn	ttttntannn	angnaaaatan	nnannnnnnn	atttnttnnn	annnnnnnnn	240
naannntnnn	tntnaaaaann	ggngngnana	nnannacnna	nnntnanatn	nnaananaann	300
nnnnnnnnnn	tanngaggng	annnnnnnana	naanngannn	anaannnnna	nnancanaat	360
nnnnaaanant	nnnngnanaa	naantaanan	nnacnaatca	naannnaana	nnnannnaan	420
nnannaataa	nncaaaaaaa	aagccanann	tatannaaaa	cntcaatann	cgtanaanaa	480
gaanactnchn	natananaa	naanactacc	aaaactnaan	annnnaatnc	atatacnaana	540
taactannaa	nngaatanata	nancaganaa	nnnagnanna	atnntannan	naaagcannn	600
ngnnaaanach	tcaagcntag	antanntaca	aatacnnnaa	atantaacnn	nanananaaaa	660
anaannnnnn	naacatncna	agannnnnana	acaaanaann	gnacaannan	taacnannan	720
anaaaananat	ataaacanna	ananannnaa	taaataaant	atanataang	ngntcanata	780
tnnaagacaa	ncnaantaaa	cntnnancat	nancgaacta	taaatagaan	nganatatga	840
nataaanatna	nntanaacnc	nataatatanc	nagtanaatnt	nanancacta	nanatacnan	900
nanaaantcn	tactanacan	naacanctnn	aactnanann	antannnagn	aacacncata	960
nancgannna	atanencctna	anntnnanna	ctctgaanaa	annacanata	aataactata	1020
nangctagnn	acantncacn	tagtannnaa	tatntanana	ttenctanat	ananntntan	1080
atcactacgn	actcanacat	anaaannaag	tcttanagan	aaatatcact	caanaannna	1140
ngggncacta	tntanncatn	anncanaata	nnncancata	tannacanat	aaantnnana	1200
tcnnaangat	naaatntnan	angacnanac	anatangtnt	atnnctaanc	tgtaaataca	1260
ncacgaa						1267

<210> 4660  
 <211> 1235  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1235)  
 <223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttggnat	ttctaattgct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantggtgg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaaagntan	240
tagnanntan	nggatcccta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttach	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttntctntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	attttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atztatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnttatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtanntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020

natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4661  
 <211> 1235  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1235)  
 <223> n = A,T,C or G

<400> 4661						
gtttgaaatn	cctttgggnat	ttctaatgct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	ncntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattntntann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttctntntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atntntann	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnttatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggntn	900
ctttntacag	ttgtannnta	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnattttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4662  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (750)  
 <223> n = A,T,C or G

<400> 4662						
tntaatttna	tnctntannc	cnttcaactn	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagatgagc	ccatgaactt	ccccagaaac	tcattgtctt	ctatttccgt	120
aacagctcct	aaccactagt	cgggctttgc	acacagcgac	ttctccgtaa	atggttgactg	180
cagggcagaa	agaaaggcta	aaagttctta	ggagaatgtt	tgcttttgca	tgtatatgct	240
ggcgatgcta	ataagtccca	gctagacctg	gcagtgagta	agttcagggg	tggcaattta	300
attttcttgc	tattagtaaa	acaaacagta	ggtgggatgg	gtggtaagct	taaatatctc	360
tgacgcgcca	tttaaaccat	ccatcccacc	tgtgggttgt	ctgcacctgc	tcttttgttg	420

cggtgggtct	cctaatttgc	ttttcagtc	ctttcatctt	atcattgttc	tcaaaggcac	480
cgctctgcaa	accacataaa	ggcctttcaa	cttncgctgc	attttggttt	attcagccaa	540
ttgactagta	ctgtcagcta	attggattgg	aaatgtaaaa	tgaaagctgt	attattcaac	600
tgccaacctc	ctcacttggc	anggagtggg	tgatgctggg	aattgaccan	aagtgttaatt	660
gctctgggtc	tgccctctga	tttaacaatg	aaccctggga	gggctttctn	tganaacatt	720
gatacctgct	tttttttttt	tcccnggggn				750

&lt;210&gt; 4663

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4663

gtnnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atccccatga	ttcgacttaa	60
aaataggttt	gttggttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtggg	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctgggttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttggtcccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttggtttgc	ttttggtttt	660
ttctcatgt	aaccattggg	ggaanggatn	caaggaaatt	gacacaaang	gngggaataa	720
aacattaatt	ttngcccnn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggn	cttntaaa				808

&lt;210&gt; 4664

&lt;211&gt; 1008

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1008)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4664

ccgcncncnn	cnnngnnnnn	nannnnnnng	nnnngnnnnt	ttnttttctn	anncctttca	60
gnccttgggt	catgatgcag	gatcccatcg	attcgaacnn	gcacngtct	atcncntngt	120
gaagcactac	cccngntacg	ggttncacca	tgccctgggca	gntnggccat	gggcccggtc	180
acgaacanaa	cgggcctgga	cgccctgccc	ctggccgcag	atacctncta	ctaccagggg	240
gngnactccc	ggccatttat	gaactcctct	taagaagacg	acggcttcag	gcccggctaa	300
ctctggcacc	ccggatcnag	gacanntgan	gancaagngg	gggtcganac	ntnngggaga	360
cggagtgtga	tagacgcang	gggagaagaa	attcataacn	ccccggncen	aacaccncna	420
aggacagcag	tcgttttnac	cccngtgcac	cccgttctcg	gtccnaacag	agggccacca	480
cagnatncnc	cacanttcta	tattangggag	gaanancggg	gaaagaatgt	anaattttga	540
anaataancc	tactggtggt	ccaaanaact	gnngccgacn	cncttgcntn	gtgnnaaagc	600
gnccttgcca	ngattnctng	aaatttnntt	tggttggttg	ggnaggnncc	ccccntccca	660
tttgccncgn	cgggttgcca	aggggaaatt	tcctttcctt	tcacctcan	tatnaaaagg	720

ttttncctgg	gagntngaac	tttcgggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangaen	ccncttaggg	ggggaagncc	cntnccgggn	ganntnctgt	tccanaacgn	840
gngggncngt	atctttngtg	gggncttntt	tcnaaccnat	tttgggggga	ggangcnggg	900
nntaaccctt	ggcaaccncc	cggaacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatattttg	gcncccgggg	ggngccnnan	tatatttgng	gannagcc		1008

&lt;210&gt; 4665

&lt;211&gt; 1690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1690)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4665

ccnccnnann	acnnngcnnn	nnaaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnnang	cgagnnancn	gaanangacg	cannnnannn	ngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tggggcaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nancncnaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgananan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnccaccgn	nnnanctctn	ncnacangnn	nanagnaccn	1020
ngcntncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnnancagc	agccngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntataactaa	cnnananana	gnnnnaacaa	cagaaanaaa	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tccnnnnctn	atcnnncagaa	1680
ntnctntnncn						1690

&lt;210&gt; 4666

&lt;211&gt; 839

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(839)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4666

tttgaataacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	nangganncn	ncangatctt	gganggntcn	cnetggncga	gaccaaggaa	120
aagcntcggn	cgatnggngn	cccaatgcan	ggtgatgggg	atggcttnna	nnctantgnt	180
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnncgcngaa	240
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnntnnnaac	300
nntgttcggn	ccnncnangc	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	360
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	420
ccntagnntt	gnattgccac	tcgngattnn	attgcantnc	aangcnnanc	tttaactann	480
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaat	cttgnaaagg	aanagcccnt	540
tacacttgta	aggaaattnn	ggccccaacc	tnagcaaata	gcataaaaaa	ggttggcngg	600
ncangtcena	tanaaanctt	nnangannat	tgtcaaaaaca	nnnnnacctt	tctggncatg	660
aatcattggn	tggtgnttnt	agactnccaa	gagnttgggg	nggntntttt	tcaaaaannt	720
tttananaaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggg	780
tttagactgc	taaaatggan	ttnttncct	tataactgcc	ancccaaatc	tttatncc	839

&lt;210&gt; 4667

&lt;211&gt; 848

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(848)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4667

gnnnnnnnnn	ntntnaata	tacagctctt	gttctttttg	caggacccat	cgattcgctc	60
angcngngc	ctccttcccc	agntttgntg	cctgagtggg	accagtgcnn	acncacagnc	120
cggaaaaggc	gcatactaac	cntnttnagg	ctnnggtaac	tgccgacaag	ttgctttnac	180
ctgatttgat	gatacatntc	attaagggtc	cagttataaa	tattttgcta	atatttatta	240
agngactata	tgaatgcanc	tncattnacc	agtaacttat	nttaaataatg	cctagtaaca	300
catatgtngn	ataatntcta	gaaacaaaac	tntaataagn	atataatccn	gtgaaaatnt	360
gaggcttgat	aatattaggt	agtgacaatg	aagcatggna	gaagctgtna	cagattacat	420
anagaataat	gaggagatta	tgatggaacc	ttaatatata	atgttgncag	cgattntagt	480
tnaatattcg	atactgnnat	ctatctgctg	tatatggaat	acttttaatt	caaacgctga	540
anacgaatca	gcatttagtc	ttgccaggna	cacccaataa	tcagncatgt	gtaatatnca	600
caagttcgtn	tctgttttgg	gttatnttga	tggtnggttt	gtgnttttgc	tttaagttgc	660
atgagctttn	tgcnngaaat	antcactcat	cccactccag	ataaggggnt	tagtcatnag	720
aaagtctgtc	tggtgatga	tggtatcggt	gccaatcttt	ntcccccttc	tggttaatat	780
tcattacatt	tctatgcenn	nnnaggancn	natccataac	tttancttaa	ngtncacatt	840
ggnatntt						848

&lt;210&gt; 4668

&lt;211&gt; 1690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1690)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4668

ccnccnnann	acnnngcenn	nnaaannnaa	nnnccnnann	ngaaaacenn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnnann	nngaangann	120



```

nnnnncncgng gngncntgna nannnacaan aggcngnana cacnnngnng anannggcnc 180
annnacacgn ananannnac canaacannn cngctancan naaganannca cnnnanagca 240
nnncncagng ngngggganc cagngcgnga cntnnnccna ttttttggga aaccgggttt 300
tggggcaaaa acgngccttg ggnagannct cacaaacgca cnnaggagac gagagagngn 360
agccgngncn acgntnnacc agctacagcg aantcncnng nncgccnagn ngnaanacga 420
gacnnnagna gnnacnacca anannaccan ggggaagggg gggaaccnnn cgaccaanag 480
nccnnacacn nantaaanan ngagngnngt aagacancca ngnnncaaan tgnaannnnn 540
anncaanacn aaaanaanc nnnnacctat acnnagnac aacaactnan ancnnagaan 600
annannntnt cnannnnaan caaaaaagaa tcnncannta nannagnanc ganncgcgca 660
nancncnaan gtannaanna tantannaca cgacgganac atngnanacn angcgnanan 720
acangnnnan cncancanan ancangaag atntntnca gaacgcgctg cngnatacac 780
ancngctnnn gacngnnnaa cncagannn angcntnang acncacnnna cacacncgcn 840
annncaneng cacagcgngg atanacgaac gnnncaagct cnagnaanaac aggtangcca 900
cangnagagn anaccnnnna cnagnnaaan aagncacatc accgatanat nctcgannnc 960
naccagcnnn nnncnagnga cnnacccgcn nnnanctctn ncnacangnn nangnaccnn 1020
ngcntncaca cgnanaanaa tctncnccca gaagcncggc ncncgncacg anacgcagag 1080
naccgncagn atnantnacg cgcaaanagc gacanaangc angnccaaga tanagnngan 1140
agcgnnatan nagcacgtcn acacagcgan acnngaagan cacgngnann tnntnagana 1200
cannnngnaa nacagcctnt gacgnaacac agcannacat cnnacagctc ngacancacg 1260
anananggac agncncngan acacgngaac nacncaannn cacannagan gagancannc 1320
tnannnagat ganantanc anncacgnga tnncactata tngannangn ncgntgccgn 1380
ngnnancagc agecngcacc ancncctact tgcntactnn atncnatgag caccaacgan 1440
ataagannac cacncctnn ancgannana tgaacacatn canntaaann gnagantnan 1500
tanacgacnn ncncannnac ngangtacag nnnnntcacc anngncggnn gatngctcn 1560
nntatactaa cnnananana gnnnnaacaa cagaaanaa cacnagacag agaagcnnnc 1620
ncatgatnnc ccactcacga ncnnnngagt cngcngannn tccnnnnctn atcnnacagaa 1680
ntncntnnncn

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<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

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ttttcataca gctcttgttc tttttgcagg atccctcgat tcgaattcgg cacgaggtga 60
ggctctctta aaaaatttta aaatactgaa gaaacaaagg gaggagtgtg tagaatctgg 120
agtggaggaa acttctgtgt caccaaacac agaaaccatc aaagaaaatc tttcacttcc 180
aaaattagtc tatagaaaaa aaaaagaaaa tcttaaccca aataagagac tgaggcaaga 240
gcttcaatca atcgagggtt actgagccag agttggagcg tgccaggaaa gcaacacaag 300
tcaaagaaac gtctgtggcc tgtgctctcc caagaagttt tcaggaggct caatatgtgt 360
acatttcttt aaaggggaga agacagttag gcaaatgggt atgtttttgt gagactctta 420
attagtgtcc cgtaaactta agctatatgg aagatagggt gaacactgga agaacaggga 480
gtaacagaag accaattatg cagaggtctc aggttaggtg gaggaatgat tgatctcatc 540
ttatccttgt ctgcacctgg gcagatnaac tttgtaattg acattgtcag tgtgaaattt 600
acaagacttt tgggttttag agttaggttt aggttgccag acctaaagtt gcagttgaca 660
tgtnccttgt ttataggagg atntccatnc tgaaagttta gggactggcc aanaattact 720
ggtgagcaat ttgtgantgc ggcncctggag atcatgancg tttttgcctt tttgngggat 780

```

<210> 4670

<211> 712

<212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 4670

```

gttttagagc agctcttggt ctttttgcag gatccctcga ttcgaattcg gcacgaggaa      60
ctagtctcga gttttttttt tttttttttt atgatattac accatagggt ttattaacga      120
taaagtgttg cattactttt aaaagcttag ctcttactaa gcattcttta acaaaagcta      180
ataagcaaga aatcatttgc catacggaaa ctatatccac aaacaagact ttaatccaat      240
attgaaagct aaagaattag aaaaaataca aaacactgct atgagtcaat tgaactgcta      300
tcattgaatt tgctgcattt agaatgacat aaacatactg aacataaaaa caattttatg      360
gattttattct ataagactag cattaagaat gacatacaat ttgtgatttc ctttaaaaaat      420
aattttttac aacagaatcc atttgaacaa aggggtctttt ttccccctca tttgagggga      480
agacaatcta tgtttcccaa acagatcctc ctttcatact aaaatagcaa actgtggcct      540
cgatctcttc ttcccagatg ctacttatag atgactttgc ataataactt aattagaatt      600
acttttctgg taacagtgtc acggccataa ataatcagtt tttaaaaaac aaacatcaag      660
ggcaaactca gaaaacttcc tttaaaggaa ttacccaaac ccagcacaca tg              712

```

&lt;210&gt; 4671

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4671

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gtncctnta aaaccttttt tanaatctnc ttgttctttt tgcaggatcc catcgattcg      60
ttcatatttg aagaattaga aatgaagtcg gttcagattc tccaaagaac ctccagccac      120
tggtggggga cattcttaat tcacattcct atcagttggt atctcctgtc cctgaagaca      180
ctgatgaggc ttgggaggag aatcccacct ttccctgcag ggggttaggc tgggcagggc      240
agggaggtga gggcgctggt ccagaacact ggcaagggat gggaacctaa cttcttctgt      300
gcttctgatt tgcccttgca ggtgtttttc cagggtctgac cacttggtccc tgcacatgaa      360
gaggcacctc tgaggagca gagaggtgga tctgttaggc taaaaggctt ccaggctgag      420
agcccgcccc gtggaaggag ggatgcatgc tttattaagg ctcttgtttc acctggcagt      480
gtactgtatc aacgtataat acagaaaaaa aatctcttta aggtcctcct tcacaaagac      540
atagagtga aactcccttta catgtcagta tttgttcaac actttaggca acttgactgt      600
cagtgttaaa atggaaaaca ggaaaatgga aaaatctgac caattctgcc ccttgagact      660
ttcatataga ccttgacaaa caattgtata gatcacacac cggcttgtat ttaatatgta      720
acattttcnc acatnttaaa gatccagaag ttttaaaaaa cccccaatgt taatgtattt      780
gc              782

```

&lt;210&gt; 4672

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4672

```

gagcctntga ancctatnta caatctactt gctctttttg caggatccca tcgattcgaa      60
ttcggcacga gaaaaaacct cctgggactg ttgcaaggat gaaatgaagg attgagggat      120
tgagggattg ctgagctgga gctccaggtg tcctatcttt ctcagtgggg tggcacggag      180

```

cggggcccgc	teectcttct	ctccaggcag	gtggggctgt	ggttatgcga	taggggtctcc	240
cttccctcca	gcccattgcca	gaggagcttg	taactcttta	tcctcatggt	gcccactacg	300
agtcatactc	ttccccatgc	tgctcattct	cctgggcccc	atccactcag	ccaaagcaga	360
atgcagggtt	tcctgcctga	caacctctct	cacctcccaa	gtcccacttt	tgaacaagct	420
gatgattctg	aaactggccc	aatttcctaa	caagccggat	gcttgagaaa	cctacatttg	480
gacaatgaga	ggctgctcct	gcngcctgcg	ggccacctec	tcttccttgg	ctcctgcttt	540
cttttttagac	tatatcaacc	tacaacttta	ctcgggaaga	gggacagggg	tggacctgag	600
tttcgtctcc	tgtctctctg	gctgatgtca	cctggaataa	agccttcttn	cctggccaaa	660
naaaaanacc	nnnnnnanaa	nntacttcna	gcctctanaa	ctatagttag	tcgtattacg	720
tnnaanccaa	cttgaataag	anacattgat	gaattttgga	ncaanccnca	actntgaatg	780
ct						782

&lt;210&gt; 4673

&lt;211&gt; 706

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (706)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4673

gnttnaganc	aggtctctgtt	ctttttgcag	gatccatcga	ttcgggtttcg	gcantcgggg	60
tnngnactgt	tgataggang	atgtnttaag	gaaatgctaa	aattggggcac	cctgccccca	120
acttcaaagc	cncagctgtt	atgccanatg	gtcanntnaa	agatatnacc	ctgtctgact	180
acaaaggaaa	atntggtgng	nncttctttt	accctcttga	cttnaccttt	gtgtgccccca	240
cggagatcat	tgntntcagt	gatagggcng	aanaatntaa	naaactcaac	tgccaagnga	300
tnngagcttc	tgttgattct	cacttggtgc	atctagcatg	ggtcantaca	cctaagaagc	360
aaggaggact	gggacccatg	aacattcctt	tggtntcaga	cccgaagcgc	accattgctc	420
angattatgg	ggtcttaaag	gctgatgaag	gcctctcggt	caggggcctt	tttatcattg	480
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atganacttt	gagactagtt	caggccttcc	aggcactgac	naacatgggg	aagtgtgccc	600
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ttntccaagc	ngaagtnagc	gctgggctgg	tttantgcca	ggctgc		706

&lt;210&gt; 4674

&lt;211&gt; 710

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (710)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4674

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tgagtgaaca	gagataattt	gacttcctct	ttttctattt	agatgccttt	tgtttctttt	240
tcttgcccga	ttgctctggg	taggacttca	gtactatggt	gaatagaggt	ggtgagagtg	300
ggcatccttg	tcttgttctt	aggggggatg	ctttcacctt	tgcccattca	gtatgatatt	360
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agtttggtga	ggatttttat	catgaaggga	tattggactt	tatcaaatgc	ttttctacat	480
gtattgagat	gatcatatgg	tttttgtttt	taattctggt	tatgtgctaa	aactattccc	540

caaaatcaaa	gagaaaggat	ttctccttaa	cacattctac	gaaaccagta	tcatcctgat	600
ccaaaatctg	gcaaggacac	caacancana	aaanaaaaaa	aaaaaactng	gcctttaaaa	660
actttngggg	ngccnnnttn	cgnaanatcc	nnnncttgat	nagatccntn		710

&lt;210&gt; 4675

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4675

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cctgggtggg	gactgggctg	tgcccagggc	ctctgtcccc	caggatgtct	tgtgggtgagg	240
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cctggccggg	gtttnttnan	cccgactttt	aanttgncn	tncaaacctt	tggttgaac	660
ttgggtctgt	ttacctaana	aagtcacaca	aggtgcctta	ttntntnggn	ttntnttnna	720
naancncnt	tnnnngnna	nnnttttttn	natttnnnnn	aaaanatnnn	aaannngnnt	780
tt						782

&lt;210&gt; 4676

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4676

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caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtggg	ctgcatttaa	180
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tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
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agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
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tacttgataa	tattaagggg	ttctggattt	caggttttca	tttggtttgc	tttggttttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gnggggaataa	720
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nnnnnnnnna	aacctcggnc	cttntaaa				808

<210> 4677  
<211> 708  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(708)  
<223> n = A,T,C or G

<400> 4677  
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gccttgcttg cttgagcttc agcgggaattc gaaatggctg gcggtaaggc tggaaaggac 180  
tccggaaagg ccaagacaaa ggcggtttcc cgctcgaga gagccggctt gcagttccca 240  
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actgccgctg tgtacagcgc agccatcctg gagtacctca ccgcanaggt acttgaactg 360  
gcaggaaatg catcaaaaaga cttaaaggta aagcgtatta cccctcgtca cttgcaactt 420  
gctattcgtg gagatgaaga attggattct ctcatcaagg ctacaattgc tgggtggtggn 480  
gtcattccac acatccacaa atctctgatt gggaagaaag gacaacagaa gactgtctaa 540  
aggatgcctg gattccttgt tatctcanga ctctaaatac tctaacagct gccagtgttg 600  
gtgattccag tggactgtat ctctgtgaaa aacacaattt tgcctttttt gtaattctat 660  
ttgacaagtt tgggaagttaa ttagctttcc accaaccaaa tttctgct 708

<210> 4678  
<211> 808  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(808)  
<223> n = A,T,C or G

<400> 4678  
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caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggg ctgcatttaa 180  
atgtgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240  
tacttctgtg ttcatttttt tttttttttg gctagagttt ccactatccc aataaagaat 300  
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagttcagt 360  
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420  
catttctata ctttacagga aaaaaaatc tgntgttcca ttttatgcag aagcatattt 480  
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540  
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600  
tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt 660  
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720  
aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780  
nnnnnnnnna aacctcggnc cttntaaa 808

<210> 4679  
<211> 880  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
<222> (1)...(880)  
<223> n = A,T,C or G

<400> 4679

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tggccatggg	ccgggtcacg	aacaaaaagg	gcctggacgc	ctcgcccttg	gccgcagata	180
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gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
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gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
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tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggacttc	gggggtnaaa	aacccatggt	660
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aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggg	780
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<210> 4680  
<211> 880  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(880)  
<223> n = A,T,C or G

<400> 4680

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tggccatggg	ccgggtcacg	aacaaaaagg	gcctggacgc	ctcgcccttg	gccgcagata	180
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gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
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cacccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaaa	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
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aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggg	780
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<210> 4681  
<211> 880  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(880)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4681

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tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancegttcc	gtcccaaaca	420
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taaaaaaaaa	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
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tactttaaaa	aaaaaaaaaa	atthttgtga	gttggacttc	gggggtnaaa	aacctatgtt	660
tgthttttaa	caagnaanca	agaagggggt	ggtactttat	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnncan	tttggattgn	840
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&lt;210&gt; 4682

&lt;211&gt; 1690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1690)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4682

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nngcagngrn	ngnannnang	cgagnnancn	gaanangacg	cannnnnann	ngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tggggccaaa	acngncttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
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anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
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annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	ntcgannnc	960
naccagcnnn	nnncnagnga	cnnacccgcn	nnnancctcn	ncnacangnn	nangnaccnn	1020
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naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
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anananggac	agnncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
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ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560

nntataactaa	cnnananana	gnnnnaacaa	cagaaanaaa	cacnagacag	agaagcnnnc	1620
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ntnctntnnn						1690

<210> 4683  
 <211> 933  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(933)  
 <223> n = A,T,C or G

<400> 4683						
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gcanntgata	tccangaatg	ngngaggctg	ncgnggcaag	gancacctna	ggtcnggana	180
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<210> 4684  
 <211> 1383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1383)  
 <223> n = A,T,C or G

<400> 4684						
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ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgacgat	cnccaaannn	ntgggggaanc	420
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anncnagcac	cancnatncn	nnnccggacc	antnnncgca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaaacnn	nanagnntcc	atngcataan	cgggaannngc	660
accatnctnc	naancaaann	nnccctnnna	nccananaac	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780



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cnntcngggn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca      960
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cccgnccctn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac     1140
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aaccnnnggg acgcgcncca ntntttccan ananagnann naccnccca ttacgagcga     1320
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cgc

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&lt;210&gt; 4685

&lt;211&gt; 773

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (773)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4685

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ctaatacnaa ncnngcntn tcgnnctnnc cgaaanaaan aggctnnngc gtggtgggaa      60
gcgtgcgggt cgcagcaat ggcggcgctc acaattgcca cgggtactgg caattggttt     120
tcggcttttg cgctcggggg gactcttctc aaatgccttc tcatccccac ataccattcc     180
acagattttg aagtacaccg aaactggctt gctatcactc acagtttgcc aatatcacag     240
tggattatg aggcaacttc agagtggacg ttggattacc cccctttctt tgcattggtt     300
gagtatatcc tgtcacatgt tgccaaatat tttgatcaag aaatgctgaa tgtccataat     360
ttgaattact ccagctcaag gaccttactt ttccagagat tttccgtcat ctttatggat     420
gtactctttg tgtatgctgt ccgtgagtgct tgtaaatgca ttgatggaaa aaaagtgggt     480
aaagaactta cagaaaagcc aaaattttatt ctgtcgggtat tacttctgtg gaacttcggg     540
ttattaattg tggaccatat tcatttttcag tacaatggct ttttatttgg attaatgcta     600
ctctccattg cagcattatt tcagaaaagg catatggaag gagcatttcn ctttgctgnt     660
ctcctacatt tcaagcatat ctacctctat gtaagcacca gcttatggng tatatctgct     720
gcgatcctac tggttcactg caagtaaacc agccttttgt ctgtgggaaa aat          773

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&lt;210&gt; 4686

&lt;211&gt; 784

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (784)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4686

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gntntttnta agcgannngc tacttgctct ttgcgcgagn ccntatnttc naattcggca      60
cgaggnngtc tcctgagcca gagtggtgct agacagcagt ccagctgggt gaaagggact     120
tatggagaga aaaagaaaag cgatgtagaa aaattgaaaa gaggtacaga nacagctgga     180
ttggttacag ctcgggtgtt gccttatttt gaacagggtt tgaacagttg gccacctttg     240
gttgctcaaa acttggtgat tggcacanga gtangttaca gtctgtttgc acatcctttt     300
aggttgcngt tcaactgtgta cagagaaaacc tttaggctga acttaaaacg ngtnaggaga     360
cagctttctg cttgatttaa cagtatcacg ggtgtgtgtt gngaggtang gaggtggggg     420
cncttnantn cngtctncta ngntgtgtc aacntctggt gcagtatctg tgcnnnttgn     480

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atctnctgga	ancnctnate	taacngactt	ggntaccang	ntnnncettt	actnantggg	540
tnnangggcc	acccttnntc	ttattnnngn	tggcanaanc	nttcccnttn	ggttnnctngg	600
naaacntttt	atgtggctct	ttgntgnnan	aaganntggc	ttttttnggt	ntgnttaang	660
gtnnnctttt	tgnnaaaant	gctcttttgt	nnntntgttn	actaaaacccc	ttttttntaa	720
cccttttana	nnngntnaaa	acnnttttaa	tenttccnat	gnnnnnaann	nttntngggg	780
cnet						784

&lt;210&gt; 4687

&lt;211&gt; 751

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(751)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4687

ggtatagatc	attctacttg	ttcnttctnt	atgcaggatc	ccatcgattn	gaattcggca	60
cgagaccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtnen	ttnatnnatg	120
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc	180
anntcntgca	nttgtngcc	tnaaaaccc	tgctgatnec	agtgtnatnt	cctacgggaa	240
tactggccag	aagggtctgt	ctnaagtacg	ctgctgccac	tnagaccact	ncaattgctg	300
gcencttnan	tectggaacc	tttactaacc	atatccagg	ancntttcgn	gagccanggc	360
ttnttgnggt	tactgaccen	atggntnanc	accagcntct	nactgangca	tcttatnnta	420
acctnctac	cattgctctg	tntaacacag	attctectct	ngctatgtg	nacatngtca	480
tatccatgca	acagcancgg	gagctnactc	agtgggtaan	gatgtggngg	atgetnnctc	540
ggcaagttct	tencatgccg	tggcancatt	ttccatgaan	acccttgggg	gggnaatgcc	600
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn	660
tntcttgntt	nggaaangen	natgaacnca	ttggaangga	attttcangg	ntttaantgg	720
ggntttnttt	anccctccnn	nnanannnnn	g			751

&lt;210&gt; 4688

&lt;211&gt; 1383

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1383)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4688

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nnccnannan	cnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnngggagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
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aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaaanc	ntgggggaanc	420
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ncganaacac	anccctana	accnaacnca	aanacanacc	cacncnnang	acaacngnnc	540
anncnagcac	cancnatnec	nncccggaac	antnnngca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaacnec	nanagnntcc	atngcataan	cggaannngc	660
accatnctnc	naancaaann	nncccntnna	nccanananc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

acnacacagc	ccgcgcctaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
canncngnac	ggncaccann	nncacnccna	tagaccnag	nncnncanac	cggagnaanaa	900
cnntcngggn	tananaanaac	aancaccaac	nataangcaa	cngcnagna	ccnaccaca	960
tnnccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgcacacenn	ccgccatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgnccctn	naacacaaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaaann	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaaggc	cnccgacaaa	anntnnacn	nncananacn	catcgagac	caccannaan	1260
aaccnnnggg	acgcgcncca	ntnnttccan	ananagnann	naccnccca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cgc						1383

&lt;210&gt; 4689

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4689

ctngttcttt	tttcaggatc	ccatcgattc	gaattcggca	cgaggatcag	atggtttaac	60
tnntgnggca	gnngcgagaa	anctntgatg	atngangaca	nntttttaag	aaagcaagaa	120
anaaagatac	tatgggggtca	agtgttaactc	catggaaatg	ccacgtntgc	tcttcagtga	180
anaagctggn	tnanagttnnc	acngaaaact	tttgactgta	tntattttatt	gntgcaaaaa	240
agacgctttt	atattgcngc	cctcatttgt	cacctaaag	tnncttctta	taaaatccag	300
ccccggatnc	atataancat	ctgtanctna	tcattgatcc	tgntgnaaaa	gtcancnacg	360
acctntagan	gncttttctt	nctatgaaag	gagctgctat	gncacatgtg	cacacnccgc	420
acaactgggn	atnaacaatg	agttttattgn	ncntgggtgga	ccaaaattaa	gcttgcntaa	480
gggttgngct	aantggacct	ggactacaga	ctctgacgcc	ttgaatataa	cagtacaatt	540
tggcnatttc	tctgaancag	gctaaactga	gtaaaatctn	tttgaaggng	tcctnggtgt	600
gaacatttgc	cnngaagcta	attagnnct	ntnngnat	naaattcaac	ctntggngtg	660
gaatatgaaa	ccnanntnaa	acggagataa	ctttttctcc	ccncanaaan	tnaacnttgn	720
gntccntaaa	ccnttttagg	ggatncnaaa	ncnttnnnnc	cnc		763

&lt;210&gt; 4690

&lt;211&gt; 805

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(805)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4690

gnnnnnnnntt	tgananccat	cnnttttaaat	ncatttttgct	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggttatatg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaatgttn	tgcacaaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccatt	420
tcccaaaaaac	tttatgtctg	tggcaaagac	tattctaaaag	cgtctgttca	gggtttatgc	480

ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

&lt;210&gt; 4691

&lt;211&gt; 1197

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1197)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4691

agggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cnccttaaa	60
naanttaagg	ccnccctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacaccnt	aantntatta	cncatagata	ctcaattnc	ntctctagna	180
natnnnnga	tctttntcgg	ctntnnance	ncctactata	ttactnctna	aacgtncnn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tnnttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcnct	ntnattanna	600
nattntntaca	ntntccct	ncanctnnnn	nattntatan	tctntntncc	nttcantnt	660
anatntntn	ntancnntc	nntaattcaa	nattnatntc	atntcnntnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaantttna	tnccatacna	cncnnnctn	tanccnnata	780
tnactncnnc	anttcnntnt	natctctnnt	tnacacactc	cnngantat	actnntnaca	840
cttcttatat	ntntacntg	tnatacactc	tnnactana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	nctntnatat	accatncacc	aatcacttan	tntatncatc	960
tcannacanc	tcacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncanctna	tatntatcna	ttcatctaca	1080
nantnctcn	catctnttgn	nctatacnat	aattgtntct	catatntntt	tctctacacn	1140
nctttatctc	gatntttatc	ntgtancnnc	nnntatctca	nataatnacat	atcacat	1197

&lt;210&gt; 4692

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1050)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4692

nnntnancccc	nacngctttt	cntntccaat	nnccttaaac	anaaaggggc	tggggcnnag	60
cnnagaacac	atacaganan	anacancnaa	gngnctaggt	ttttcacctt	tttnacacnn	120
aaancancac	gncccgagtn	ncgcagaacc	ngcgcnncna	gcnncnngan	ncgcnnangn	180
nccncgangg	ctagagcccn	nnnngnnaga	ggcancaacn	aaccatcacc	anngccaann	240
cncatncnan	tcngananga	ganagcaaca	ccctgnatnc	naacaagaac	ccanaantan	300
aanccannaa	gtananaaann	aganccatca	nncgaanacc	catntnacnn	cccanagnn	360

cnnnnanctn	anagnccagn	accnnacnnc	caancccnnn	cgacnaaacn	accnctaca	420
nncgaatncg	naanntccan	gaccanctca	nnctntctcn	annngcnctc	nnncanntnn	480
accnnaant	gccanncnan	tccccananc	nnccntncca	aacntnanc	ccacnccata	540
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acgnntnanc	acntcaccaa	ncacgccaaa	accnnannnn	nncanaccga	cnggacancc	660
tcnctacgcc	nangnaaten	nccnccact	cactcacctn	nnctacntac	atnagtnaaa	720
nancctcat	ctagaccaga	acnncacta	tctacnactn	annctnnana	gacacagnca	780
caatcntnan	actnacacga	tencanacac	cccaactccc	ncagcaaang	ctnnchnatca	840
ncnactcatn	cnactctnta	ctaaacgtcn	nnntcacagn	gcgnaccana	annngcnata	900
nacatncacn	naaanacgna	ccnncgatnt	ctncaactann	acncaagtnt	cnnntcnntn	960
nncactcaan	cacnctanga	nnnnatgcgg	tactcgnaga	aatctcngcc	catagncnca	1020
cacannancc	cctacgcac	anntccnccc				1050

&lt;210&gt; 4693

&lt;211&gt; 776

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (776)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4693

caaacngctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
taagtattct	aggatctaca	gttatgggtca	ttcatgctcc	aaaggaagag	gagattgaga	120
ctttaaatga	aatgtctcac	aagctagggtg	atccagggttt	tgtggtcttt	gcaacccttg	180
tggtcattgt	ggccttgata	ttaatcttcg	tggtgggtcc	tcgcatgga	cagacaaaca	240
ttcttggtga	cataacaatc	tgctctgtaa	tcggcgcggt	ttcagtctcc	tgtgtgaagg	300
gectgggcat	tgctatcaag	gagctgtttg	caggggaagcc	tgtgctgcgg	catccccctg	360
cttggattct	gctgctgagc	ctcatcgtct	gtgtgagcac	acagattaat	tacctaaata	420
gggccctgga	tatatccaac	acttccattg	tgactccaat	atattatgta	ttctttacaa	480
catcagtttt	aacttgttca	gctattcttt	ttaaggagtgt	gcaagatatg	cctgttgacg	540
atgtcattgg	tactttgagt	ggcttcttta	caatcattgt	ggggatattc	ttgttgcatg	600
cctttaaaga	cgtcagcttt	agtctagcaa	gtctgcctgt	gtcttttcga	aaagacgaga	660
aagcaatgaa	tggcaatctc	tctaatatgt	atgaagttct	taataataat	gaagaaagct	720
taacctgtgg	aatcgaacaa	cacactgggtg	aaaatgtctc	cgaagaaatg	gaaatt	776

&lt;210&gt; 4694

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4694

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttaa	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aatgagggga	gangccctt	ataaaacat	cagatcttgt	gagaacttac	420

tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctagggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
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&lt;210&gt; 4695

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4695

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgatt	cggcacgagc	60
acattttcct	gttttcttcc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaattgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgagggg	gangccctt	ataaaaccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctagggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tcgaggga	aaatgttttt	ttgtgaaa		768

&lt;210&gt; 4696

&lt;211&gt; 764

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(764)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4696

ntantaaatc	ccttgctctt	gttctttntg	caggatccca	tcgattcgaa	tncggcacga	60
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agaanntgaa	aaaatggng	anctaccca	ggtaanggat	gatgaagtnt	tnatggctnn	180
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ctatncattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnatccatt	ncttgnatt	ggcatnctgt	attccttgag	420
tggtcccgac	ccctctacag	cnntcctgta	ctttagacta	tntgctggag	cncggntcta	480
ccacaccatg	tgcatatttg	acacccttt	cnnatccaaa	tatagctatg	actttttttn	540
gtaggatatg	gannactctt	tccatggctt	acacngtgc	gtaaagtaaa	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggcttntta	aggaattctn	gaccttgcaa	660
ttnatantgg	agnnctttcc	ttaagattta	aagggtttgan	ggngagccnn	aggaattntn	720
aaccnggggt	aaaccctttt	tggaattttt	agcnttgnca	anaa		764

<210> 4697  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (744)  
 <223> n = A,T,C or G

<400> 4697

ttaantaann	ctntntcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcggggcggc	gcagcccagc	ctcccggacc	cggaagaagc	gccatctccc	gcctccacca	120
tggagccac	cgaccgtcc	ctcaccgagg	aggacctcac	tgaagtgaag	aaggacgtga	180
gtaacgcagc	tgtgcccagg	gcgggcgggg	gcgggctgca	gcccagcggg	agacgaaagc	240
ggaagcctgg	agtccgagga	caaggaggat	cctccagggtc	ggaggagcgg	aaagtcctag	300
cacaggagga	ctgtggcgag	ccctgcatcc	gagggacctt	ggtggcagtg	atcctccagt	360
gatctgtcaa	tccagggtttt	acatcgctaa	acgcagagct	tgggctttgt	tgccaagtgg	420
tgttttgatt	cttgcctact	cctcacccat	ctcctcatgc	tttcccccca	actgggttct	480
tggagatgct	tcgttaggga	ctggcggctc	agattcatcc	ttaagtcagg	ctgcctaggc	540
tgctcactca	gcctagagcg	aagctgtacc	aggtgaagga	tccaagcag	tggacaaaaa	600
atgtgaaact	cttttgcata	anggggcttg	aggaagctca	acagctgaaa	gcacaacctg	660
gaattcccct	agtnagcaga	cgcccacata	tttaaattgg	ggttggggga	atgaatacnc	720
gtactgagaa	taatgtncag	gtaa				744

<210> 4698  
 <211> 1224  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1224)  
 <223> n = A,T,C or G

<400> 4698

gggttanccc	tttgnaactt	tgctaaatng	cttggcaact	cgaactcnct	gcanggtnc	60
atcgtttcca	atnccgcneg	agacgacacg	cttctgcagg	tgaanggcac	gcggcgccca	120
cggttncctn	nagctgngnc	gtatgaagct	ggatggngnc	nntgnggana	angtagngct	180
tgatntgcta	ataagaaatt	tcttgaaaaa	gagactagct	ctcaacgcac	ccnccngngc	240
ggncggcttc	cnngcncncn	gacaannanc	tcgncaggng	ccngnatncg	gancantnct	300
cncanaacaa	gggcgctggc	gccaagaata	gacaangngc	ggcatggcca	acnaanaacg	360
tggcctncgn	ctggcaanga	angtgaagaa	ggcngtcann	ncnaagnnta	nccaaantgn	420
cctatgnccn	naatgttgag	ctctntnaaa	attcnntanc	ttnttnnnan	tgnnnaanta	480
ncncacanca	ggttttcatt	nnacncanta	ntanntnctt	nnanganctt	nnncattagn	540
ccatntntct	tacattnaat	tccaatncng	tnntggnttg	nnccgccact	tgcnttctnt	600
annctgcnn	ncttccnnnc	cgncantnnn	ngactgtnat	cnttngtnnc	tactcttntt	660
gcattncntn	cntatcaacc	ccaattgcc	nntnnaatta	ancgcanttc	tcctcatteg	720
ncatnncctc	nctantattt	actcgnntct	acnanttnac	ccaccgtntt	tannngctnt	780
ntntntntaaa	cccnntcttn	anctccnaca	tacgcnatnt	tttacacacc	tncttncttc	840
nctcnggcta	tanngacccc	ntacattatc	tcattctcanc	tcnatacnt	gtcnccttat	900
cngngntatn	ctnttctatc	gcgncnnatc	nnacggcctc	acatnttnng	nctcacnct	960
nnatnnantc	tacacacttc	tcnntcatan	tgtctcaaaa	actngnanct	actcttnact	1020
tnnaganaat	tntatctnnc	catactcatc	tnttcatagc	gaatctntnt	acntctggta	1080
tccnctctct	gttagntngg	acacttcttc	tngtctcttt	nnctatnaaa	ccgntatgtg	1140
nggtntattn	tcncaatncn	ctntntccan	ntttatcatt	nggtttcccc	ctntngccnn	1200

atantgggng acacantngn tnnt

1224

<210> 4699  
<211> 803  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (803)  
<223> n = A,T,C or G

<400> 4699  
gnnnnnnnnn nttttgcana cegctggcta ctngttcttt ttgcaggatc ccatcgattc 60  
gaattcggca cgaggcaacc ttgcctcctt gggttcaagt gattctcctc cctcagcatc 120  
ccaagtagct gggactacag gcacgtgcc aacacccag ctaatttttg catttttagt 180  
agaggcaggg ttcatcatg ttggccaggc tggctcaca ctctgatct caagtaatct 240  
gcccactttt gctcccaaa gtgctggcat tacaggaatg gagccaccgc gccagcctg 300  
atttcttttt ttaggtcttg tcaggaaaga tattgattct ttgattcgt gaacatggtt 360  
tttggtcgtc ttaatttgt ctcatcagt cctccatgtg tttttgatgc ctttgaactg 420  
gtatttttaa aatttcaatt tctaattgtt cattatagaa acacaattgg gttttatata 480  
ttggcattgt attttgcaac ttctctaaac tcactagtaa ttctagtgc ttttttgggt 540  
agattcttaa ggattttctg tgtaaatagt catgtcattt gtgaataaag ccattttttt 600  
ttctttttca aattttgtgc cttttatttc ttattcttac catatcacat tggcaaagac 660  
ctncagtatg atattgaata aaagtgggtg gagaaaaaca nannttatnn tnnnnnnnnnt 720  
cnnnnnnnnc ncnntnnnct ncnancctc ccnnnnnnn nnnnnntcct tacnnnnnnnc 780  
nnccccctt ttaaanttnn nnn 803

<210> 4700  
<211> 770  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (770)  
<223> n = A,T,C or G

<400> 4700  
ggngnnnnnc ntttgaaatc tntatacanc tacttgttct ttttgcagga tcccatcgat 60  
tcgaattcgg cagagggttc gtctgtggca cgttgctggt gacagcaaaa atgaccacc 120  
aatggaagca gctggcttca ctgctcaggt gattatcctg aaccatccag gccaaataag 180  
cgccggtat gccctgtat tggattgcca cacggtcac attgcatgca agtttgctga 240  
gctgaaggaa aagattgatc gccgttctgg taaaaggctg gaagatggcc ctaaattctt 300  
gaagtctggt gatgctgcca ttgttgatat gggtcctggc aagcccatgt gtgttgagag 360  
cttctcagac tatccacctt tgggtcgtt tgctgttcgt gatatgagac anacagttgc 420  
ggtgggtgtc atcaaagcag tggacaagaa ggctgctgga gctggcaagg tcaccaagtc 480  
tgcccagaaa gctcagaagg ctaaatgaat attatcccta atacctgcca cccactctt 540  
aatcagtggg ggaagaacgg tctcagaact gtttgtttca attggccatt taagtttagt 600  
agtaaaagac tggttaatga taacaatgca tcgtaaaacc tttagaagga aaggagaatg 660  
ttttgtggac cactttggtt ttcttttttg cgtgtggcag tttaagttat tagttttaaa 720  
atcatncttt ttaatggaac aacttgacca aaaatttgtc acagaatttt 770

<210> 4701  
<211> 756  
<212> DNA

1574



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4701

ttncatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgaggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaatatgtt	gtacttattc	tgtgctgggc	aaaattctgg	atatttttca	180
tgtactattt	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttgcca	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgccg	agggtagtct	gtccagagtc	300
tgtattttta	ctactgctgn	gttgcctccc	attgcatagt	gacttcacgt	gtataggtgg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	attttttcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgcagag	cctaactcat	cccatttccc	tccctgtcac	540
ttttcatttt	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatag	tagtttttaa	acatctttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccacccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4702

tttnnaannnn	tcangctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggtgtcaaa	tttcttgtca	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaacatca	actggaaaaa	cctttcagcg	240
aaccatttca	gctcaggaca	cgtttagcgt	tgccacagct	ttggtgaatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cggagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaaccct	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtattt	ctcaaggaaa	gcatttttaa	gccctagaag	600
gtttgggagc	tgtttggcag	tgggagaact	ccggcatgtg	gatcaactgt	cccgggagcc	660
tgggtctatat	gtggattcac	atttctgtgg	agattttcng	aaatgaaccc	gtggcagact	720
tttttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

&lt;400&gt; 4703

gnnnnnnnntt	tgananccat	cnnttttaa	ncattttgct	actngttctt	tttgcaggat	60
cccacgcatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaatgttn	tgacacaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccat	420
tcccaaaaac	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttgatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcatc	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

&lt;210&gt; 4704

&lt;211&gt; 707

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(707)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4704

gttnaganca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagggct	60
attaaaaatg	taatcagtg	gaaaattcat	gccatctgaa	tcgtacngt	atgtaaggga	120
tttgagttcc	ttacagaatn	ttctgtaatt	tannacttca	agtgaattat	aaatgtatat	180
acttctctct	cacaaangtg	ttaggagaag	gaaaatctna	aatactngct	tgatttctta	240
atttaataac	ataanacaat	tctcataaca	tgtatcacct	aacatgtcac	tttcaacttta	300
aaagtctaaa	gagttgangt	ttatntcttt	tctttttaa	ttgatgntta	tgttgggtgat	360
ttccnaaaag	atcagatccc	ccgntatgaa	ggatcttaac	cttgtctttt	agatctccat	420
gagaaatgca	gtacatgtag	cattagccat	atttcttttt	tagaggccta	tgtaggatata	480
ttataacctg	taaaagtgtg	atgacttcat	gctcaggaga	aagcaagtaa	ttacctagcc	540
aagccaggtg	gggtgttcagg	ttagtgttca	acagaaagga	gatgttgaaa	gattttcatat	600
ctnaagggtg	aaaacacaag	agaagtatat	agagataaac	atgtaaagtn	taagactgta	660
ccatagtaag	ctaccttcga	agtggcaccc	ttgttattat	ttttctg		707

&lt;210&gt; 4705

&lt;211&gt; 845

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(845)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4705

gngnngtnnn	nnnttttcna	acgttggttaa	catacagcta	cttggttcttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgaggnnang	cngttctgcc	nangangcat	nctnccncng	120
anatgccacc	nnnttgcntg	ntnaccnnna	cgnnncacac	gnctacctgn	gggacatata	180
cttcatgcac	nggttatgnc	cntaccatga	annctactg	acancnnaac	nngancngnn	240
tggtgannac	atgaataacc	cactgnacna	agaacntant	ggaatgntan	ctnnntatgt	300

ccttnttccn	gnggaaggag	nggacaacnt	ttancaagtn	ncagntccaa	ancnaacnna	360
nccaantata	ntnaaantna	gngctgccan	ttngtggac	nccttgcnan	atnnnnanng	420
ctctctnnna	ccgntngaaa	tttncataa	caccatagc	nccatgattc	tcattgntgn	480
aagacantca	ttcnatntac	cagatnnatc	ttggngcnt	ntntncnngc	atnngnnnca	540
ctaaaaactg	ntntnctaac	taaataggat	ttntnttttn	ttatacnngg	anaaaatgng	600
agttgtgcn	naactntcat	nngcgatant	tacannaant	tgtacttgnt	aaatctaaga	660
atctaatacn	angacttaa	aaanangccn	ttagaactat	agggagtcna	nttacgtcta	720
tnccnecatg	nattgatnca	ttcacgactt	ngtccaaacc	anatntntaa	ttcctgaaan	780
taaatgntnt	ntttngnana	anntggaaaa	gcttcncaan	nttnntaanc	ctaaaaccng	840
gntnn						845

&lt;210&gt; 4706

&lt;211&gt; 775

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (775)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4706

gcaaccgntg	gctacttggt	ctttttgcag	gatecccatcg	attcgaattc	ggcacgaggc	60
aaccttcgcc	tcctgggttc	aagtgattct	cctccctcag	catcccaagt	agctgggact	120
acaggcacgt	gccaccacac	ccagctaatt	tttgcathtt	tagtagaggc	agggtttcat	180
catgttggtc	aggctggtct	caaactcctg	atctcaagta	atctgcccac	tttggcctcc	240
caaagtgtg	gcattacagg	aatggagcca	ccgcgcccag	cctgatttct	tttttttaggt	300
cttgtcagga	aagatattga	ttcttttgat	tcgtgaacat	ggtttttggt	cgtctttaat	360
ttgtctcatc	agtgcctcca	tgtgtttttg	atgcctttga	actggtattt	ttaaaatttc	420
aattttcta	tgttcattat	agaaacacaa	ttgggtttta	tatatgggca	ttgtattttg	480
caactttcct	aaactcacta	gtaattctag	tagctttttt	tggtagattc	ttaaggattt	540
tctgtgtaaa	tagtcatgtc	atgtgtgaat	aaagccattt	ttttttcctt	ttcaaatttt	600
gtgcctttta	tttcttatcc	ttaccatata	acattggcaa	agacctccag	tatgatattg	660
aataaaaagt	gtgagagaaa	acanannnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnna	720
ntnnnnccnn	nnnaantnnn	nnnnnnnnat	nnnnnnnnnc	cnentttggn	antnt	775

&lt;210&gt; 4707

&lt;211&gt; 1102

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1102)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4707

gggnttcccc	ctnnnaaccc	nttggaana	cnetggngct	ncntgcagga	tcccagcnat	60
ngcactgagc	nntgnggcn	acggcngagc	cntttttcng	cgagacgngc	ccnnccanggc	120
nccggggngc	tcgtgctggn	nagccnatgg	gnagcannna	ncncaancgg	cctnccnana	180
ccagagnnnc	anaacgnacc	nagnnngtgg	gcncncccta	ngtcnaggac	anaatannna	240
mnentancag	ctgntngggc	ncgcannaan	ggnanannnn	caggcccnnc	aanntaagct	300
ncnngaana	cncgntntat	acncccnana	naagnncnnc	ngntaacaac	gccaggcgga	360
gcnttcgngg	anananccac	gagngncccc	cctaaggaaa	tggnccgcna	nancagnacc	420
ccgaanaana	gtantngngg	tnnntaancc	gagngaacgt	gacaggcggn	acgcaccgac	480
atngggcnaa	anagaatcgc	ctnggngnca	catcgngnna	cnagnanaaa	cgtncaaacgn	540

acannecngnc	accnntnnnn	acnngtcana	cgaaacnnncn	cncgcatntg	agagcncggc	600
gcncctcncctg	caagggggnng	cttcnnnacc	cccgcenaaa	nantttnnnag	aatcccncc	660
nagacgtntt	ataccnnaga	cacnaccnng	accnngcggn	gcantagtcg	nanagagagg	720
ctnggtnagn	ananncantg	cgncnntc	ccnttcggcg	cncnanaana	agcccagcgc	780
tntngaannng	tggcncccn	ntgngnncgc	gcnagncacc	cnggtggcga	aaacacnggn	840
angngccnnt	nnnaacncan	nggggggggc	nanaaccggg	ggggaaggcg	tnaccngcan	900
aangnggaaa	acngcccaca	nttnnnctcc	gccnggcant	ancccnnga	acatcgnggn	960
gcannnccccg	gcannngnccc	cggccaggcn	ggcgnnnccc	aggnaanntta	cgnaccggan	1020
ncccggnncn	acnncnaggn	ncccnanacn	nggnnaccnn	ngncnggngg	gnnacgatgg	1080
ggncnngcnn	gnnctgccan	ca				1102

&lt;210&gt; 4708

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4708

ggtgcttccc	cctgngaacc	ctttntacag	gcnaacttgta	ntttntgcan	gatcccatcg	60
actcnaattc	ggcacgaggg	catancccg	aatngngttt	tgatgcatc	cagtcgtggc	120
attgcaagaa	gtctgtctga	tgaagctcgg	gaagcatttt	gcaatattcc	cttnggctgn	180
gttcctgtgt	tccctgctcc	cacttatctt	cccctggttt	gtgattatta	ggagagaggt	240
tntgcaaaga	ctcnntgctg	tgaagaatc	ttttnttaat	tnttatecta	nagtcantca	300
cttttattcc	aggnaagtc	gctgatctac	ttatccaaag	ccagcnaacc	aggntcatcc	360
taccatcctc	atggaagact	gtgtgtatga	attggagtaa	cagaactgaa	ntacacttaa	420
ncagtgcag	cactacttcc	cagggtgggg	gccatatttc	tctgngtcc	actctgagca	480
acttctcana	gatacgangg	ggctagggtt	ttcccatntg	gggaaatggg	gtgaaagnct	540
gcanaatngnt	aaaagcaaat	gttngaacca	ncaataaant	agatnnntcn	ncatngnnca	600
atnnngcact	antnacnnnn	ntnganannn	cgtanntnnn	ctnecgnnc	tnngnagtnt	660
cncnnggnnc	tctnnattcc	tcgnnannng	atcngcaatt	ggnaanntta	nnatntggat	720
nnacanctat	ncgtgancna	atnaacntac	nntgngngt	acnacnacnn	tnactatcnc	780
atacgcgntc	naaaancgat	ntcacgtntn	cacnattngn	anatatacann	ttncctctnnc	840
ttgntctatt	naccg					855

&lt;210&gt; 4709

&lt;211&gt; 843

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(843)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4709

tnnnnnnttta	nttttaatat	actncagctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaacatt	cggactcgag	ataatcgctg	ccttggggag	tgggacttgc	120
ctgagctgtg	cagcgactgg	tggagctaca	gaacacgagg	gtcccaaagt	ccgaagaaat	180
tttctgagcc	tttgtacata	gatgaggcaa	aaacctgcga	tgccatcag	cctccctcac	240
atgggagacc	ccaaccagc	tgacaatgtg	gagccccag	aacttcagaa	ctgggtggagg	300
cacatgtctg	ctctcctgaa	aagagacttg	gtttggggac	cccacaaaag	gagggaaagt	360
gtagctgttt	ggatgtgagg	agaatgaaac	tacaaaaaaa	aataaattgg	gccaggcgca	420

gtggctcatg	cctgtaatcc	cagcactctg	ggaggctgag	gcggacggat	catgaggtca	480
ggagatcaag	accaccctgg	ctaacacggg	gaaaccctgt	ctctactaaa	aatacaaaaa	540
attagcccg	gcatgggtgg	acacgcctgt	aatcccagct	tcttaggagg	ctgaggcagg	600
anaaatcgct	ttgaaccng	gaaggtagaa	ggttgcantg	agcttgaaaa	ttgcgcccac	660
ttgcaccccc	cttaggcgac	aagaaccgaa	gaacttttgt	ctnttaaatt	aaattaantt	720
aanttaantt	aanttcccaa	cctgggggna	aaaaanannn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnccctt	cganccttnt	taaaaacttn	ttagngggagg	tcggtnttta	ccgttaaaat	840
ccc						843

&lt;210&gt; 4710

&lt;211&gt; 1501

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1501)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4710

nanggagcaa	ggccaggttt	ttnnnncngnn	ctaannnnann	tnnagaaacn	acggctttttg	60
nggttttanng	gncnaaaaaa	cccccncaat	gcaggcncca	gcagananan	aaggagncgg	120
cncggggagg	nggnaanana	nnnncatana	ccngacgaga	gnggancacn	nnntaacagaa	180
gacacaccan	aacacnngaa	cncancacaa	agantcncan	acctaannng	cgacgaanac	240
ncnacacntn	tttttttttc	acnaanaana	cnnaaannag	agngaacgca	nnannagnac	300
acnnacnacc	acgaggggga	gangnacnan	agagnggaca	acaagagaag	aaanaacaan	360
ccaacacgcn	cngaacaaca	acacccccng	acancacaan	aacacanan	gcaccaaaaca	420
ataanatcag	aganacacac	agaccaacan	aacacncaac	acnngcnaaa	ancnaacgaa	480
gnaaanncaa	acaacnaaan	ccacaacgna	gancannnac	nacacaagna	aaaaaattna	540
nnanaananc	aaanncanaa	accnaaaaaa	nnccacanana	acananaatn	cnnaancnaa	600
ccaancnaca	nnannanacc	ncacagnant	aanaaanaac	ngnnacanaa	nnacacagag	660
acanacacac	natacnaca	ccanacaaac	caanancnga	canactacnn	aanannnnna	720
ncnaaacanc	gacanagnna	nacaaacaaa	gnacacgnaa	ncatncncac	nanagcanan	780
nacgnataac	accgnangag	aaagatacnn	acatnaanan	ctanaaacgc	ataccgngcg	840
cgncatanaa	nagnacnnan	ananataata	gcaaanaana	cacnnaagca	naaacaacac	900
angncaacaa	naacaaaaag	anagaatcnc	acagacagng	cantnacgca	cacaactaga	960
cacacaagng	anacaacgac	acaanataga	taagananag	anagnnnnag	aaaacncaca	1020
cganacncaa	cacgaannac	aganannnac	cacnnaacac	aangagcacc	nacancaacn	1080
ananananca	ccancnanna	nnnaanana	gacacaaaca	cncnatataa	annnaagacn	1140
acnnacacac	nagatanana	naanagncca	ccgcagnnaa	acaccacgac	aggaacanaa	1200
nnncnnacna	nananngaaa	nngtananng	agggagcaaa	angaaannaa	cacantangn	1260
nggaacacaa	anaanancan	annnccatna	aaganaanna	cannaacncc	nganaaaaaan	1320
ggaaacacan	aancanaccg	naanaananc	nncnanana	nnacaaaanc	accntagaan	1380
cncanaanac	ngaacnaaac	acaacnnnan	canacaaccg	aatnaaannn	ncancacaaa	1440
tgnntnanac	caaaganaac	nanancannn	caaaacnaca	cncncgaagg	ntnnnaacnn	1500
g						1501

&lt;210&gt; 4711

&lt;211&gt; 806

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(806)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4711

ttttttaa	aaac	ttttaagccc	ttgtgcannn	gcaggatccc	atcgattcga	attcggcacg	60
agaatagtag	aaagggtccc	cattcctgct	cagcacnttt	cctctctacc	ccccacaga		120
cacacatgct	gacacacaca	tgcnagacaac	acncatacac	acacatgcag	gcactcacat		180
gcaggcccat	gcacacacac	gtgcacacac	atgcaganac	atgnagacac	gcaggcacac		240
atgcacanat	gcaaagacan	gcatgcangn	acacgnagan	gcaacagaga	canacatgca		300
gattcacatg	cacacacaca	tacacacact	ggncctgtt	tttctgtggn	gtcactgggt		360
gccagnaact	ctgtatatta	cacctancac	taaaacctgg	gccttaattt	ctctcccgtc		420
ccccccccta	aattcctgat	ggatgaacct	aagaacttnc	ctgtacactt	caagccggac		480
tgaegttagcc	tatgggccc	agnagggtcca	gncccnacgt	tttaatttct	ttntaaaaag		540
ctttaagtct	tgctgggccc	gggtgntcac	gcctggagtn	ccantatttt	tgngggaggcc		600
aaagcngntg	gatnacaacg	ngcactgggt	cgngancanc	ctgaacaaca	tgggggaaaa		660
ccctgggttn	taattggaaa	tacaaaaaaa	atnngcttgg	gccanggtgg	anaggcacnt		720
tgtgaactca	acctccaggt	tttttggggc	canaaagcat	acccccacna	ngcccaattt		780
aattntntaa	agggaatcct	tggtag					806

&lt;210&gt; 4712

&lt;211&gt; 695

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(695)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4712

agattaaaga	ggaaagcaga	gactgggttag	gttattatag	tgctcctaggt	aacagttttg	60
gacaagtgtg	ataaatgttg	aggtgggagg	ggttagaggt	tggattcaga	ctctgttttg	120
taagtagaga	agataatgtc	tgctgatagc	ttggatatga	ggaggaaaaag	gagaggagta	180
aaggtagact	cagatttttg	acctgtcaat	tgggtgaact	ctgagattaa	attctgtttt	240
ggctatgtta	ggttggaaat	gctgtgttagg	caattggata	tccaagtctg	gacttcaaga	300
gtacaatttg	ggactagaaa	attaatttgg	gagtcattag	ggaataacca	tgacttttga	360
tgagatcacc	tagtacagct	agagaagaga	aggtagcaaa	agacaganac	ctaaggtatg	420
ccagcattga	ngaagtanag	gagaaganga	nccatccnnn	ngactgncaa	ggaccaccca	480
gttgacctta	gaagaaaaat	caggagctgg	tattctggaa	accatcngaa	gaaaatgttt	540
cacaaanagg	gaagtagtat	tgaatgggtg	naaatgttac	ctatattcct	ggnaaaaaaa	600
ccacttcanc	tgctttttta	agtaaatgtt	gatantttgt	actgcaaata	nctttccata	660
ntncttttca	aaacatgnnta	ttttnggncc	tttaa			695

&lt;210&gt; 4713

&lt;211&gt; 998

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(998)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4713

ggtgnttccc	cctgnгааac	ctttatacag	cctacttggt	ctttttgcag	gateccatcg	60
attcgaattc	ggcacgaggn	cacattcann	tntcannttt	tgcancntta	tancaanant	120
catngccgan	acattanntg	nctnnaatag	tactgcangc	ncancatctn	cnnnngatcc	180
ctgtnacctt	gnccctggan	cactcgtnag	ncaagntctg	ntcccagatg	ncntgttaacc	240
atnantncna	nanaananna	tcnagggnct	ntttntttcc	nncaaacaga	tgcnatntgn	300

cnnggctgn	tgtgntgtng	agggencetan	gcncnggcaa	ctattnnctt	nnangcngaa	360
gtngttacnc	ntnanggcnc	nettancctt	caatnagnac	cacatgcnn	tgccaaatng	420
tgctctnagc	taaatnnttg	gactntgaan	tanggnncna	anggtnttgc	aataacantg	480
tggtatctgna	anaagncgtg	ttggnnngng	acctaataac	ctcancnggg	nggnctcnc	540
cttaacnntt	tantncnnt	cnnganagt	gattcatacc	aaggtaccca	ngnnnggtaa	600
tanttcnact	cntgngatcg	naantntnc	cnttnnactn	cnttanagag	nggtcgtnac	660
ccangtntgt	tcgcttcgcn	cttnttttgg	ggngaaatgt	atntccccc	ggaancnttg	720
ggggnnccnn	tttgatngcc	gtaatancat	nggaagtcaa	cttggantta	aacgggtgct	780
canttanct	nagccgaatn	tngtcnttgg	caaacccttg	ccaatacnn	caattaccn	840
atantngcaa	agnaaatagg	ccnngcatac	cnaagnggga	ccctttataa	attggnnnat	900
ggacttcccc	tttnnaagtng	aacnttggn	ttagcnaaaa	ggcnatnttc	ttgtatgaag	960
ntcgcagnan	tngnatattat	tnggggttcta	ngggccng			998

&lt;210&gt; 4714

&lt;211&gt; 1523

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1523)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4714

cccccccc	ccnaccnnnc	acccannncn	accccnacn	canacnaatn	nncccnncan	60
tcacncccc	cgnntcgann	cncncncnc	taaannccna	ncgcncctnc	cnggntcgca	120
nnccacntt	gaacctttgc	aaanaactggc	aaaccgcgn	cnaagcggg	ggngggann	180
acacnccan	canatactan	ncnnccca	tncganaacg	anagnnncc	cccccaacna	240
ctnaggggca	cctcggggnc	cctcctcna	cgcnaacna	ncacatnacn	ncctcngtt	300
canncnngac	agnancctct	caacccccac	gcctgctncc	tctcncata	cncnccccc	360
ctcccnatac	gncncgacan	cccacgcnn	nnngannctn	netcatenna	cncacngcnc	420
tacacnnccc	acnntnccct	tctnggcgca	ncannnnct	ncatcgccnc	agcncacnct	480
ctnnctcacc	cccatcatna	cctnaancg	tctacntntn	nnccnctcan	ctcacgcnc	540
aaccgncann	ccncccgna	nactncacnc	tcaanncana	tcganccccc	tcncaccnnc	600
accnnnnnn	cgnncnccc	accnnncaan	nnngtgnnc	ccacctcgag	accnnncang	660
cnaatacccc	cgatcancca	ccnctctant	ncagncctnc	ccgncnnnc	ganncacacg	720
angcccnac	acnacagcgc	antncgncac	cncanacang	acccanctgc	ccncagcgng	780
nnnnngnccan	aaangnnccg	cncncncta	cantctccca	cccancncc	ntnancnccn	840
tantannacc	aagccagtan	ncncacctca	netnnegaat	cncancacn	ccacanacga	900
ccgcaccccc	caacnncagc	actctcacna	cnnngancan	cannntccac	nacactcmtt	960
ctcnntactc	tntctcanc	ccccnncta	acngctcact	ncacaancna	ncncncnncn	1020
anntagccta	cgccaacgan	acgcacncta	nancctacga	caccnntcac	nacacctcac	1080
cgtacccccc	cngntctncc	ctcnancgac	ngaancgtnn	cacgcncanc	acancactcg	1140
agnantcaca	cggnnacacct	ncacgantac	tcgncacnc	nnnanntnac	nccactngan	1200
cgcatctct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cncctaccac	1260
tcacacanna	ganaagnnna	naccgctctc	agcactact	cactancnc	ncaacncnca	1320
ccacancnca	nacgtnanac	cncctcngcn	ctcacannag	cgnctggnct	gcnnnctccc	1380
gnatannttc	gcacctgan	cacncanacn	tntcccnng	ccccacgact	gagcncnncn	1440
tctcnagacn	ncanccactn	tcnacacnnc	ngacgcanc	tacngcncca	ncncannnct	1500
nanngacnca	cngtccann	ccc				1523

&lt;210&gt; 4715

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(726)  
<223> n = A,T,C or G

<400> 4715  
gttatnancn gctcttggtc ntgetnctgg atcttttttgc aggatcccat cgattcgaat 60  
ncngcncgag tntaggnttg anccattgna cccagecnag gttnttaata nnannnanag 120  
cntgctgntn tnaaaagtga aaagaggcca gntgtggtgg ntactgnctg nggtcccagc 180  
tnctccggag gctgaggcat gaggatcatt tgngccagc ctgcaatgca atggcactga 240  
tcacggcctt ctgcancctt aacntgctgg gngggacacg gagtaccctg tttttnaang 300  
aanantgcag agtacnccaa ttgnatatgn tatataannn caactntctt aaagganctg 360  
tatatnnaat gagtggaaac aaatntggca nactnttaat ngnacatatn ttgaaactan 420  
agctcnttac acttctttga nctacaacgg gtatatgtcn tacttanatg atgcacaaaa 480  
gggtgcacat atatatatat gttnttgacg nnggttntga nagagtttca ctcttgcnctn 540  
cannctggag aatgtacnga actganatng gngaaatgtc tccancnggg ngatnnagat 600  
nnaactgggct ntcgtggaag aatgggtgnt accnnaaaat ttggagcctc tttaaacnan 660  
tgngagggac ntttaentng gttccccaaa ttgtngaggg gncntttggg gantttnnnc 720  
cnnncc 726

<210> 4716  
<211> 1554  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1554)  
<223> n = A,T,C or G

<400> 4716  
ccaccencnn ntnttnatn nncentnec acctcnnnnn nncnnngggn nantngcnnn 60  
nnnnnnnaag nnnnctnatg aactnaataa ganntngctg gtctgaaatn gcctaactng 120  
aatagggnct ggggggggnc nncngncnna ggntnatnnc gnttccagtg ntntngnnng 180  
ntctcgann tnnntntaac tatnnntnnn nanccannan anngtcnggg gntnnnnnat 240  
ntnnnnntn natccannna ncacanctc ttctntcan tccannnaac ctentannnc 300  
cantccccta tntcganca gnnnnnccca cngntnnnnn ngtcnnnnann nnaancnna 360  
nattcagctn nnacnntann ntaacttnc cengcaanga nncnctctt cctcngntcn 420  
accggcnngg nantncnngn tcancancta tntnnntnt nntctatcct nnnentntc 480  
tagannannn nntnctacn nntncaann cancnnncca tanantantc cncctcngnn 540  
ctcnntctc anncgngnac tntcnngct ncnntntatc tntntcnac nncacnctat 600  
annnnntctn anantcennn ttcnacnenn nctnatcnct antgcctann cnnnccenn 660  
nnnatgtan ncannatnct ntanancngn ngcnnnctnn tcannnnnca cncntnatca 720  
catntnnctn tnnangannn ncnntntcc nnancatena tctncanctc tncanntntn 780  
cnntatccgc nnnnnanct ntntacnnt cctnccatn antanacnnc nctntctca 840  
nnnnnnntn antcnntatn cnnnnnnn ctncctaca cncgcnncg cncnactnn 900  
cncnctatn nnnnaanntc ncanctcatn acctcnctn tntnnntnc natcnatnt 960  
atanacnnan actctctntc gntatnnnn gncntctnc acagtatncc nctntntnc 1020  
ntannanega nntcncnnc atataatcac tnnacactnt actcnnantn cttactntnn 1080  
accnctctnn catcnnntc nctctnnnc tcatatntgn ntacnntnna ncatctctn 1140  
cancancnna ntacacnenn natnctann ncanantnnc ntncannncn tcnctntntc 1200  
ngtnnnntc nactctnca catatatnat ctanctnacn cacnctnnn tnnnnntnc 1260  
tcannnctn cnnntctatn tgctatacat nncctntnta ncantatcca nngccncac 1320  
natanctcan ntatctctn cctntnanc cctnctctc tctncanacc cancttactc 1380  
tcttantnnc acnctntncn tccnccnnnc tntnatecna acnchnncta nttncatcca 1440  
ncnctccgta tanctccnt nncnncngc cncnccnta ctnctctcan ntgnnccnt 1500



ntnncaatntc nctntcnhnc caccctctten cnnccgncnt tnnntnanncc ncct

1554

&lt;210&gt; 4717

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4717

tttacatata	gctcttgttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggtct	60
ctgcaaaaaga	cccctccgac	ccgagtgttc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaaca	acctggcctc	aggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgcag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcggggccctg	accgggcgca	ggtggtggtg	cagtgcagcag	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggatttttag	gagagtggaa	aatgcttata	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatatttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccagggttc	tgttgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaaactc	aagaagtctg	taccttgtgg	ccaaacctta	ngaaaacctt	tctaatacaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcatcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaagtg	cacaatactt	ctg		763

&lt;210&gt; 4718

&lt;211&gt; 953

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (953)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4718

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttntctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagngn	gagcgccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggtctg	cncaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccncgcan	ctccnaggag	gnaaggcngg	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggngc	ggcccncnag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cnccgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcnncnccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanach	nacggannac	gcc	953

&lt;210&gt; 4719

1583

<211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(860)  
 <223> n = A,T,C or G

<400> 4719

ttnantnngt	cattctctgta	ccagctactt	gttcttttttg	caggatccca	tcgattcggn	60
gatatngnnn	gntctanncaa	agtgggaana	nccttncnggc	tgngaaaaca	ngctntangn	120
ccnaanancc	ngntttacan	gttnaanact	ntgtnnnnntt	tgagcatgtt	nncnnggtctt	180
angnnngtat	ttnanngtan	ccactttgna	gaggngtatc	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggnaactggg	ccattagcta	tnaanaggcn	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatncccc	ttaattcggt	agtantacca	420
ttacgtagnc	naatttanga	tcnennattcc	cnaatttttna	ncatnnccan	ntgtaanatc	480
nntgaattan	cagnacncc	nanngccctn	ttnaggnttg	atttctcgat	atttgactnc	540
ntctggngng	ananannggc	naagaanttn	accattggct	angnnaaann	agngtgntgt	600
tagggtnaaa	ntcacctntt	tttttnacna	atcnntggaa	cantttacna	tcanttnnga	660
naaaacnnta	nnnctttttg	ccnatgggan	ctntttntta	aancnntnc	ctttttntaa	720
cnnttttttn	aaccntgga	aaaaattngn	tataataaat	ntngcccttt	aaanantntt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaatatg	gnccccgttt	atggngaaaa	840
ntnattgcc	gccantnct					860

<210> 4720  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 4720

ngtctnttaa	cgngetcttg	tcnngctact	tggtcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttggtcg	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tggtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgctcccggg	tggtcacatc	tcctgttctc	aagaggcacc	240
tgcaggctct	cctggactgc	cgctcaagac	cgcagtgcag	agtgaaggtc	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccgggtg	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtgggggttg	taaattgttt	tgtccagtcc	gtaaccgccc	420
acccgaccag	ctgcattgga	ttggaggaaa	tcgagcttct	gagtgcagga	ggggcctctg	480
cagaacacta	gcggttgccg	caggatctgt	gaactttgca	atgtggctgc	aagggtggtg	540
gtggtggtgg	tgatttgggg	tagttatttg	ttactatgg	cacagtgaac	gtagtttaac	600
atcttgaaat	gaaacttana	ttttctgggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttn	attttctgca	aattangaac	ctnt	714

<210> 4721  
 <211> 868  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)... (868)  
 <223> n = A,T,C or G

<400> 4721  
 tttcnngttt aaacnccttt aaaaatntgn nacttngatn nagtntaaag tnnccctctt 60  
 atatattgna gtancncctn taaaacatca ggaaaattaa ggnggtctnt nggggggggtg 120  
 atnttcnatn ncnantgaat aatgatccaa gnntctant angaannaan gcncatatata 180  
 nanntantan tactntttgg ntntnnanct antanantct annntactcn ntanatanta 240  
 tcncnangtn ngcatacnat ntntctntn nntnttttac tncattatct ctanatattn 300  
 nnnctntntn ntntancatn cntncnanc ttcnnnctta ttnatantnn tttaantttt 360  
 tcntntcnct tcncnnnca ttnataattn atnnnttntn nnnntnantt ctntcaatnt 420  
 ntcatncctc nnnnctenna nctntntncc tnanntnnntn tccantttnc catttantnn 480  
 ctannnnntn nntctntntn tntttntnnc tectaancct ctnttttntt ctcannntnt 540  
 nttnncttn tnttttattt ntntctntn ncnctcnnc tttncnncn tntctttcna 600  
 tantntctnn ccanntctnc atatcttntt ncnctcttaa tnttaacnct nccnctncc 660  
 cctcnncan attttcttc tcttanant nnnntcttn tnttaanata tnnnnnttta 720  
 ttttnacttn tttgtttgta ctntntntna cncanantca atnacacatt tatncattn 780  
 canatcttc naantcctc nnattncact tnattcacna nctncaatt cctacatnct 840  
 ntatnctnac ntcattntnn cctccnt 868

<210> 4722  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (1612)  
 <223> n = A,T,C or G

<400> 4722  
 gttnctcaaa tcngcagcac gnanagtnc aagngaagng gcncctctaca tatgagaccc 60  
 tnaaacatca ganattaggg ggtctngggg gggcctcnc anantcnnga atactatccg 120  
 nggccctttt nngntnannn ntagagannt gggnggntn nncggngntn tntctancn 180  
 attcncctt catctectac tcnggggggn nactnnnnac tctctnacn cctntenttc 240  
 nntcnnnncc tacctccctn tnnctntccc gnactnaaca cncntccna cnttntctnc 300  
 actcnatann ccncnacnc tcttacnntn nccaccacgt atctectncc nncnctctct 360  
 nnacnttan natnntnact cncnctntn cnttctata notcagennn tcnactccgc 420  
 ccgtcantcn gctacngtcc nncnntctct nnnnangctt cctnnaactc ncnntcanca 480  
 caatntncc catctnncca ctntntntcn atatctctca nctctnacn ncnnnntca 540  
 tcnnnacaaa tntctntct canatccatc ttntnnnnan nnaccatntn annagntcc 600  
 nactactntc ccacgtanac ntntctntn cccncatctc acntntcta tnatctctn 660  
 cncctctcac nctatnanat cnnatancta tctatcact nttacnaann nctcacann 720  
 ctntccntc tctctctann accttcacn ttctntnat attatntact ntnaccana 780  
 tancacacna cncctccnc ntatanntac acntncacnc actanacn ctncnctca 840  
 tactctantn tctntnntc ttatctntt ctatcatata ntacncaag tncctctctc 900  
 atntaccnnn antnctncc cactacnct cncctancta cnatacatnc acannnnana 960  
 tcanatacnn ntctcnatnc nctctntct ctntntntca cncctanattc nnatntnccn 1020  
 ctatcnnctt cennntgnc tctactnct nctcncct ctctntcac tntctnannt 1080  
 anctnnntct nttntctct ctncacngt accntcnat atcatntntc atnctntc 1140  
 catanatncc nnacancnta tatctctct ntntncccta nnatncatct nctcnnntc 1200  
 nncatctcat annccnct gtcanaacna ngctctctcn actntccanc tctcnnctc 1260  
 gcnaengact nntcncnat tctctnttn gactcncct antcatncc cctacnacc 1320  
 aacaccanna tactntcnn ntncctctn aatntcacac acantncann ncacntanc 1380  
 ttatctcant tctgtnacn catcactact cttctcatct acacatnant nnancntnat 1440

tntcttctacn	ctctctnttct	cnctntnatna	nnctntacan	gnctctncca	tntctcnccc	1500
ctctctntnt	ntnnntcanc	mntcacncna	ccantcannn	ctancegcat	ctatatattn	1560
ctcatatcct	ctanacanta	tcctcanatc	tcactnctan	nnatancnac	ct	1612

<210> 4723  
 <211> 1503  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1503)  
 <223> n = A,T,C or G

<400> 4723						
ctaaaattgt	ctnctgtaaat	ncntntnnnt	gtacantagg	aacggcnctg	acatatgaga	60
cncttaaaca	tnganataag	ggngtctngg	gggggcgctt	gcntancnt	gnanntgact	120
nacgnnccan	ttgaantaan	ncctttaanga	nattanggcn	ttttncgcgc	ntctcnctca	180
ancctnntat	tncantntaa	cannnggggn	gentctntc	ancatcnanc	ncctnctact	240
tcctttatnn	cttctnctcn	cttcnnacta	cttntactnt	nnctnncacc	nnaccancat	300
tnnantntnc	ancctcctc	ntancnttcn	ctnnncncat	ccnttnncn	ctcancctc	360
ctaacnctc	annnctcctn	tntnccanat	tcatnccntt	nnntnancct	tntctcctt	420
ntctatcatt	ctacnctatc	ctctcctaac	nccttttntt	cnctcncnn	tctctntaca	480
ctcnnccanc	nacnnaacca	ccntannect	ctnncttcc	tctntantac	ntntcnatct	540
tcennnccann	tnattctnac	ntantntntc	attnacacnc	tcnncctann	tatntnttta	600
tctctancec	ctcantanat	ntctcccatn	ctcaactntc	tcacctctcc	ctctanatec	660
ncctntntta	gnnactcctc	tgtnnctgc	tantattncn	tatacntctc	cnntctact	720
ntnttttata	tntacanctc	ntcnnnctnn	cctcncntnn	acntntnaat	accctcatct	780
tatatntntt	ntcnnnctnn	tatctnctac	ttananccta	cantnttctt	cataatcnna	840
nnnactctn	tanntgcaca	ntanactnc	ccnnncanc	tctttatacc	tntnctatac	900
ntcacntct	ntnantnact	cnatnactnn	catacactca	natncacctn	ntnnnatntc	960
ncatataatn	tntantantc	cntctctcna	tattatatac	ntntctntct	ntnctnctc	1020
ngnncctcnc	tntatcanac	tctctatnct	caccaactat	nnctcnant	ncnnncttct	1080
acnnnntnac	cantctnttcn	nancnctatc	ntctctccta	tcacttnna	tcttaactct	1140
ctcatatacn	cnantcatnt	cnnntncnac	ncctntntnt	ctcncancct	cttntctact	1200
acnnttatct	actcactcta	tntctctnnn	ctctacantc	tcnctntcgt	ntccacttta	1260
tctnnnnnca	ctatctctnt	caactctnanc	ntaaacctcc	tccttntnca	tntcaantct	1320
ctatnccatt	tctcaatanc	actcncncac	ncattcctct	ntcncatcta	tctcttnccc	1380
ancctntctn	tctcannnan	tngtntctct	atcagnactc	ctatatantn	tatctcnatn	1440
cttnatatca	canncatnnn	cttctcnnac	tcatatntnt	ctntantnta	ctatcttntt	1500
cct						1503

<210> 4724  
 <211> 1309  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1309)  
 <223> n = A,T,C or G

<400> 4724						
cantggnaan	tntcccgcac	tangactagg	tnnaccnnc	angnggggaa	aaaagcccc	60
caganagnnn	gaggtttgga	ggnggggaaa	aaagannnc	ggggggagg	gggggnnttg	120
gaaaannngg	anacgggggg	gcacgnnnng	nggcgcacnc	ntntttttt	cncnccccgc	180

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ncntttnttt tccccncccc gcnccgagtg nncnngnagn ggggggnggn nnnnaganaa      240
ganggggggg ggggaanannn gttggggngg ggggggncna gagngggggg gncnggcnga      300
nannangcnn gggggggggg gagcagangg angngncnaa gggggngnng gngngggnga      360
ggnanagcan gngaggggga ggnngaagag ngnggagagg gnagggnagg nggngngnng      420
ggagnancg ngngaggag nanaggggaa ggngnagng ngggggggng angaggggga      480
cgnnnnnggn nngcngagna gnnngggng ngnnanncna ngncggngga ngnaangnna      540
nggnngngg cngcngnaa gagnganaa ngggagngcg ngggggggcg gngngancgn      600
ggagnagng annnggcnn gagangnga gngngnggn gcgaangggg nnnngngng      660
ggngngggg cgagagngg nggngnnng cangtnaaag gnnnagggna gaannggnc      720
acggaccggn ngnggaganc gnggacgaaa nngnnnagac gngnggacga ganacgcng      780
gnanngangn ngggntgggg annagaggag cgcngagaa cgcncnnng gaganngang      840
gagngagagn gnggnacggg nnnanngcgn gcaagagaga gacgagngac gcggagngng      900
agagagagag acngaggaga gagannnaag acngacggag agcacggcgg aggnnnncgc      960
gacgacagag aggnaggacg naganaggng anncgannga gagggncna ccggaannac      1020
gngagacna cnnagngngc gaggaacac gngcgcgana ggaggagaac ncgngangga      1080
ngacgncng nancggnga cacgnangcg ngagagann agagagggac gcacgaagnn      1140
cggaagagcn gangggaaga nnannancga gnnngagaan cggagngagc anaagggagg      1200
angggtcaga ngagaganag cacaancng agaggnngan nnaggacgac ggnggagaga      1260
gaancangng ggnagaagnn cngancagga agggcgnggg nagngcgc      1309

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<210> 4725
<211> 1359
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1359)
<223> n = A,T,C or G

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<400> 4725
aaaaaaaa aaacccccnn gggggnnanc ccctnctaaa aaaatnnagn nacctnctgn      60
naaggcgna aaacnnnnnn ccctennanc aanatnncag nccccccct aaaaaccatc      120
caggganaa ttaaaggggg cgtncctntg gggggggnnn nnnnnnnnnn nnnnnnnncc      180
cnnnnnnnn nnnnnnnnnn nnnnnnnncc nnnnnnnnnn nnnnnnnnnn ncnncnnnnn      240
nnnnnnnnn nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnn cnnnnnnnnn nnnnnnnncc nncnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnccnnnnn ncnncnnnnn nnnnnnnncc nnnnnnnnnn cncnnnnccn cennnnnnnn      420
nccnnnnnn nnnnnnnncc nccnnnnnnc cccnnnnncc nncnnnnncc nccccccca      480
ncnnnnncc ncnnnnnnac nncnnnncc naccnnnnnn nccccnnnn ncnncnccnc      540
nncnnnncc cnaannnnn cennnnnncc ncnncnncc cnnccnncc cncnnccnc      600
ncnnanncc nnnnnnccn cennnnnnn ncnannann cnnnnnnnn nnaaccccn      660
acnccnnnn cccccnnnn cnnnnccnc ncnnnnnnn cnnnnnnnn ncnncnnnn      720
nnnncnccn cnnnnnncc ncnnnnnnn nccnnnnnn cnnnnnnnn naccnnnncc      780
nccnnnacn cnnnnnncc cncnnnnnn cnnnnnnnn nnnnnnnnn nnnnnnnnn      840
nccnnnnnn ncnnnnnnn cnnnnnnnn nnnnnnnnn cccnnnnccn cnnnnnnccn      900
nnnnnnnnn ncnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn cnnnnnnnn      960
ncnnnnnnn nnnnnnnnn nnnnnnnnn cnnnnnnnn nnnnnnnnn ncnnnnnnn      1020
nnnnnnnnn nncnnnnnn cnnnnnnnn ncnnnnnnn ncnnnnnnn ncnnnnnnn      1080
nnnnnnnnn cnnnnnncc nnnnnnnnn cccccncc ncnnnnnnn cccnnnnnn      1140
cnnnnnnca cncnnccccc ncnnnnnnn ccanncacac ncnncnccn cennnnnnnn      1200
nncnnnnnn cccnnnncc nnnnnnnnn cnnnnnnnn annnnnnnn nccnnnncc      1260
nccnnnnn nncnnnncc nnnnnnnnn nnnnnnnnn nnnnnnnnn ncnnnnncc      1320
nnnnnnnn accnnnnnn ncnnnnnnn cncnnnnnn      1359

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<210> 4726

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<211> 10  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(10)  
<223> n = A,T,C or G

<400> 4726  
nnnnnnnnnn

10

<210> 4727  
<211> 789  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(789)  
<223> n = A,T,C or G

<400> 4727  
nngetctncn attnnntgng gncttgctcg ntaccncnan ncngnggna atcgattggg 60  
cccgaggtng atnnatgnat actactcctg cgcgtcagtt ctcaactttt ggggccctgc 120  
cggctggatn acngtacanc ctaaanngg anctnctacc tggccctcta cangcagatn 180  
atcanncngg acaagctagg ctgcncgcgc acggcgcctgg agtactgcan gctcattctg 240  
agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300  
gcngncccg aactactagt acctgatecn cctnttccan aagtgggagg ctcatnnnaa 360  
cctgtncocag ctccntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420  
ccagacancg ctncctgagt gtgancagag ctatgccagg cagaaggcct ctctcctgat 480  
acagcangcg ctaccatgt tccctgnagt ccttctgccc ctgctcgagt ctgcaagtg 540  
tncggccnga cgccagngtt nacagtcacc gctnctttgg gacccaatgc tgaaattaag 600  
ccaaacncct gcccttgacc canatggtna accttgtagc tttggnaagg tcacactttt 660  
ttnttggaaa aanaaccng gcancnnttg ancttggtcg gaaggaaaaa cgtccccgan 720  
gatcttcaaa gcaaatggat gccggggaac ccaaaccctg gnaagcctgg ggagaaaccc 780  
gggggaaag 789

<210> 4728  
<211> 789  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(789)  
<223> n = A,T,C or G

<400> 4728  
nngetctncn attnnntgng gncttgctcg ntaccncnan ncngnggna atcgattggg 60  
cccgaggtng atnnatgnat actactcctg cgcgtcagtt ctcaactttt ggggccctgc 120  
cggctggatn acngtacanc ctaaanngg anctnctacc tggccctcta cangcagatn 180  
atcanncngg acaagctagg ctgcncgcgc acggcgcctgg agtactgcan gctcattctg 240  
agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300  
gcngncccg aactactagt acctgatecn cctnttccan aagtgggagg ctcatnnnaa 360  
cctgtncocag ctccntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420

ccagacacac	ctnccctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tncggccnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600
ccaaacncct	gcccttgacc	canatggtna	accttgtagc	tttggaagg	tcacactttt	660
ttnttgaaa	aanaaccng	gcancnnttg	ancttggtg	gaaggaaaaa	cgccccgan	720
gatcttcaaa	gcaaatggat	gccggggaac	ccaaacctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

&lt;210&gt; 4729

&lt;211&gt; 1064

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1064)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4729

cnttactaan	ngnntgctat	cgntcttttc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atttttgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcecttc	ttactgcaaa	180
ccatgctgtg	ccttaggggc	cttctcatag	ntgttccctna	tggccatgac	tggaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcate	caatcngntc	annnnntnn	360
ctcactcna	cccancate	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tencactntt	tcatactenc	nattactctt	nncnctacn	ctcatcacat	acnctttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtentct	600
atcnnctnnn	aagncntnt	naatntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	eggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	nactntttta	tanctcnnan	tntaacngtc	840
ntntctnna	tctntctntt	tcganatctc	nncacntntc	tntntatnct	tnttcttctt	900
ctntaatatc	nantcatctt	agtctcnnna	nccaanatnt	nanctntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntntancat	annacnnac	1020
ctanatnant	cctctaant	aacttcatct	nctntntact	annt		1064

&lt;210&gt; 4730

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(915)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4730

atnnananen	tanaanctaa	acnattnnnn	tatantnanc	ntnnnnncnt	tttnncnata	60
ctnnntntc	cnnnnntttt	ttaagccttc	taaatgcttg	gcaatcgccn	cctantanng	120
gcntggngat	ncgcncagc	acctgctata	gttnngnnac	nnaccacacc	cttncannaa	180
atcttaacaa	gggggngggg	ataaaaanaa	aacntccaca	attaccttaa	aagggaactct	240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttgaa	300
atattcttag	aagggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattcntgac	360
aagcactnta	aaatacctgn	tnatntttct	atacattacg	nataatngcc	ataangantt	420

aancnncata	tatntcatca	nccctaattg	aatcannnnn	aaatattttt	attgcccata	480
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacnca	540
tntaaacctt	tnnnanntnn	cacaatatna	tacgmnannc	canttatacna	ttangnnntn	600
naanaancan	aantncaann	atttccnnt	cnaaatcaca	attttctnca	naancaaata	660
ntncattccn	accncnnatn	ccncagaaaa	tntncacctc	ctatcaatat	ancaatntat	720
tnanaccang	nnncnncant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcacttntac	tacaccnnaa	840
caanacntca	aaatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannacn	900
cantattncc	ntnca					915

&lt;210&gt; 4731

&lt;211&gt; 1479

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1479)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4731

agcctcttaa	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atategcngt	60
ancnccctaa	aacatcatga	nattatgggg	gtcttttngg	ggngcnnac	taccatctat	120
catcncctnc	nnntacnang	accccttnta	cnactactnt	cnctcttnat	gannngctcc	180
gtctnnnnnn	ctcnnntann	ttatctacnn	ctctcttctc	ncctcncat	nnctnncaaa	240
ncattcctcn	cctcatatcn	actccctctc	aattcancca	tctatatntc	tnanatcnc	300
ancattacgn	tattntacna	cacactctcg	naacncgctc	tnnagatnn	tctctcacta	360
cncnntanca	tnnntcatca	tcanncnata	ntcttcanac	agnncccttc	ctctcngca	420
tctccttcc	ctcatnctnn	cnnattnnnn	nnctnctac	tcactnnctc	ctntcncacc	480
nnancntanc	cncctntatn	ntcncncnc	tgcctnnnta	ctccctnccc	cnttcatecc	540
cntntccnac	ttntncancn	nnctnnccct	actnnatctc	ntctntatcn	ccccattatn	600
ctnnnnnncc	tangacnenn	nnctntcaat	tttccccatn	ncncncnnnt	tnnccgctnn	660
ctttcngcnc	ctcncnttac	cctntntnct	annnctcnc	nanctcnncc	cncctctttt	720
ncantcganc	nacncccc	tcnacnatct	ntannnnctt	cnnncnnnnn	ntatcantcn	780
cctcncact	catccatcta	cnnccacnca	ctctanactn	tnnccactnc	ctccactctc	840
tcctctance	tcnctctcan	ntnatecttc	tcctcncctc	attannantn	ancctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nccaactntn	tctnnnnctc	nattncatnt	960
cctcccntaa	nnntanncaat	ctctctnnnt	cactcacanc	tnnacactcc	attctcnnnta	1020
nnctctcnac	anncaactcan	cttcnactca	tanactcaca	ctancnnntt	tnnntcttac	1080
antccnacnc	ntanatttct	ctcnnnnntn	atcacanaac	cacatctatc	tactatctta	1140
tcactccntn	tctcagctnt	ctctctcacc	ntntatnctn	aactctatat	cactcaancc	1200
atactctnat	canatcttgc	tcncaactat	atnctctctc	ncaccctact	cncctctaca	1260
tgtcnacatc	tccctcncct	ntataccacn	cantactna	ctnnncncan	actcngcnc	1320
acnctactac	actgcantct	ctatctcnc	ncctcgacacn	cncctctngc	nccccactct	1380
cntcttntct	cnnctcncac	tctctctntc	nantcnaactc	tccncacat	ctatatntat	1440
tctctctcct	atctcncctc	cctcctact	canacccccg			1479

&lt;210&gt; 4732

&lt;211&gt; 1764

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1764)

&lt;223&gt; n = A,T,C or G



&lt;400&gt; 4732

cnaccctnca	aaaaattcat	ataccanaca	nntnaggcct	ctgggnanng	gcnncccttcn	60
naacatnaat	tgcnaagtacc	cnccttnaaa	aaaccatcat	gnaaaataat	gggggngtct	120
tttngggggg	gnngnacnna	antcaantca	ancccatnaa	accacnaant	tcncgnaccc	180
cttaaaccgt	naananatnc	actancanan	natnnccetaa	gtnanenttc	ctgnnnctnc	240
ncnnacaacc	taccctctan	tnntccccctc	ctattnnntn	cntnctccca	cnancnnncn	300
cncntccctn	cctacatntn	ttccanataa	cncctcacnn	nccttacnnc	cncacatct	360
ntanaacccc	ancacncctc	cccacctnca	nncatcnnac	ctactcnaat	nnacantccn	420
ccncccttct	cnnctcnnt	anttcactac	ctcttnnact	accccaanat	ctacntcccc	480
ctctctccac	ncacanttac	ncctcancan	actnccancc	atnccncc	atanacacct	540
naccncccn	tnctctcccc	ntaaccaaat	nacctccctc	nattcatnan	tnatnnnnac	600
cnnctatccc	accncantan	acntcccacc	nnactaactc	caccacctcc	cactactntc	660
tctcctaate	nacnctancn	cntccaccan	ntcantcctn	ctcantctcn	nacaccnntn	720
ntacnatcca	tnnctcnana	ccntctnntc	canacccctn	ctntcaatca	ctnctacata	780
tncccatcnc	tatatantnt	ncctctctcat	ctcnatccaa	tcctcncnc	atacanctct	840
ntacatctct	cncnctcatc	actnantctn	ctcnctcnac	tnntntcanc	cnacactnac	900
ntntcacnna	ctatccnaca	ccatacatte	tnctccannn	ctaataacca	catctntaac	960
tacnccaca	cncancnca	cncaccccat	acnctcctnc	acnctcctat	nnaccaactc	1020
cncnncntan	catcncncna	cactacacaa	ccatcaanna	nnntcctctc	atannacacc	1080
tnntntncac	cacntcnntn	tcactacact	cactataann	ctctntncan	ntctancata	1140
cctctnnact	ntcnaccact	ctccctcact	cactctccac	natcacntct	ctcacactca	1200
tatcatccnc	tactctacnc	nttaacnctc	ttatcancat	acatntcatc	acttccnaacn	1260
cntctntcnc	ancanctanc	atactcncct	nntnctcnc	actctctate	cntacanctc	1320
aatccaatc	ccactncnct	catncatntc	ncctcacnan	ctcacctcat	tnactcact	1380
ataannccctc	acctcaccen	acactccctt	tantcccnnc	tctctactc	acactctcac	1440
tcactctcnc	ctcnacatcc	tcancnnttc	ncanctcanc	ctatcnnca	tatatntcnc	1500
taatcatcnc	ctntcacana	ctnctntcac	actacacna	ccctnctcan	ctnctntnt	1560
ccctctctac	tcttctntcc	ancacatctc	tctcactana	cacncatntc	ctccatcan	1620
ancanctanc	anacnctat	acacnntnca	tactctntnt	atcaatatcc	cctntcaaac	1680
tcnctcttct	tannactacn	ctatcactnt	cncctctcaac	tnctactata	tctcactcan	1740
tctcnnacnc	tacantntcn	nent				1764

&lt;210&gt; 4733

&lt;211&gt; 953

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(953)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4733

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgaccttcta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnn	gagcgccena	300
ccgacngtnn	gngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggctcg	cncaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtcannnc	tgaaaaacta	caaatnaaa	ngcgggaaaa	480
gcncgtgann	gagaanggnc	ntcncngcan	ctccnaggag	gnaaggcngg	aganncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggncg	ggcccnag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnggcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cncctcgnga	nanngcaann	aacngnatat	nggaaangca	720
nagngcncnc	ananaacaag	cgcncncccn	nacnagggnn	acacaaaann	ccngagcgcn	780

cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anaacnegggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

&lt;210&gt; 4734

&lt;211&gt; 1046

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1046)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4734

gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nnngntacan	anctatgggtc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaacn	ncttgccctc	agccttcaag	cnattatatac	ngctctcctc	180
cctnengnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntn	ccagcnatnc	tnaatntctc	300
ngngacctcc	ngancennnc	nentnnnnct	nnnannnggc	ngncattaca	nnccntnanc	360
cactgttncc	ngacctcaac	nttcttacca	anaatgtnt	nccnttgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnacctc	ttcnntance	aananttnnn	480
ntnnctngtc	ncananntgt	cnctcattn	nnannnctcn	tgtnacnnnn	tcnnntact	540
anntagcact	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttaacnn	600
anattccctc	tttngctcac	ttnnatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatctn	antanctnat	ntntgnnnna	gcacatcatn	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nnccacacacn	780
nntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nntcactnga	ttctntnnnt	annnacaaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcagc	nnncatcgta	tntctnntn	tnntnecgnc	nnctnctn	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccctncag	cngtnannca	cctnct				1046

&lt;210&gt; 4735

&lt;211&gt; 1337

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1337)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4735

cccnnaaaaa	aatttnnaanc	cccccgncgt	taaaaaaanc	ctcttaaaaa	aaatttggnn	60
gcctnctgna	ggggggcna	aacnnnnccc	ccctcnanc	annatnnng	nncccccccn	120
ctaaaaacca	tccaggggaac	aatnatgggg	gcctncnntt	ngggggggnnc	cnnnnnnnnn	180
nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
cnennnnnnn	nnennnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnennnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660

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ccccccnnnn ccccccccc cnnccnnnc ccccccccc ccccccccn ccccccnnc 720
cccccccccc cccccccnn ccccccccc nccccccnn ccccccccn ccccccncc 780
nccccccnnn nnncccccc cccccccnn cccccccnc nccccccnn ccccccccc 840
ccccccnnnn cccccccnn ccccccnnc cccccccnc ncccccncc ccccccnnc 900
cccccccccc cccccccnn cccccccnn cccccccnn nccccccnn ncccccnnc 960
nnccccnnnn nccccnnnn nccccnnnn ccccccnnc ncccccnnn nccccnnnc 1020
nnccccnnnn ncccccccc ccccccncc ccccccnnn ncccccncc ncccccnnc 1080
nnccccnnc nccccnnnn ncccccnnc nccccccnn ccccccnnn cccccnnnn 1140
cccccccnnc nccccnnnn nccccnnnn ccccccnnc cccccnnnn cccccnncc 1200
nccccnnnn cccccnnnn nccccccnc nccccccnc nccccnnnn ncccccnnc 1260
ncccccnnn nccccnnnn ccccccncc nccccnnnn ccccccncc ncccccncc 1320
ncccccnnc ncccccc

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<210> 4736

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1312)

<223> n = A,T,C or G

<400> 4736

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ccctnaaaaa aaatttgng gcccccggg ggggnnnnnn nnncccttta aaaaaatatg 60
gaggcctctg nnggggagna aacnnncnc ctcnnancat atncaggacc tctcnaaaa 120
catcaggana aaangggggg ctgggggggg gcnnnnnnna ncnnnnnnnn ncnnnnnnn 180
nnccnaanc cnnnananac tnnnnnnnn ncnnnnnnnn ncnnnnnnn ncnnnnnnn 240
gcnnnnnnn ccccccnnc cccaaccnc ncccccccn ccccccnnn nnnnancct 300
ccccnnnnn nccccnnnc ancnnnnnn ncnannnnn ccacccann nacnnnnnn 360
cccccccccc nccccnncc ccccccnnc ccccccccn ccccccccn ccccccnnc 420
cacccccnn nccccnnnn ccccccncc cccccnnnn cccccnnnc nccccnnnc 480
cccccnnnnn nccccnnnn ncccccnnc cccccnnnn nnnnnnnnn ncnannnnn 540
cnacnaanna ncnannnnn nccccnnnn ncaacanac nccccnnnn nccccnnnn 600
nccccnnnn ncnannnnn nnnnnnnnc nnnnnnnnn acnnnnnnn nccccnnnn 660
nccccnnnn nnnnnnnnc ncnnnnnnn ncnnnnnnn ncnnnnnnn cnnnnnnnn 720
nacnnnnnn cnnnnnnnn nccccnnnn cccccnnnn nccccnnnn nccccnnnn 780
cnnnnnnnn nccccnnnn ncnannnnn cccccnnnn nccccnnnn nccccnnnn 840
cnnnnnnnn nccccnnnn nnnnnnnnn nccccnnnn cccccnnnn cccccnnnn 900
cacnnnnnn cccccnnnn nccccnnnn nccccnnnn annnnnnnn annnnnnnn 960
ccccnnnnn cccccnnnn nccccnnnn nccccnnnn nnnnnnnnn acctnnnnn 1020
anccccnnn nccccnnnn nnnnnnnnn acctnnnnn cccccnnnn nccccnnnn 1080
cctannann cccccnnnn nccccnnnn cccccnnnn tccccnnnn cccccnnnn 1140
accanncca cccccnnnn nccccnnnn cccccnnnn cccccnnnn anccccnnn 1200
nanaaccccc nacnncccc tccccnnnn cccccnnnn cccccnnnn cccccnnnn 1260
cnnnnnnnn cccccnnnn acnnnnnn cccccnnnn cccccnnnn cccccnnnn 1312

```

<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

&lt;400&gt; 4737

gtntttatnc	cngnnctctt	gttcttttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnnntgt	ntntttntn	tntntgat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgattnc	tnttnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaataatc	nnnanatnat	ttgccatacc	gaaactatct	ncncaaanaa	nactttannc	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccttaa	gaatgacata	canttngega	nttcctttaa	420
aaatnatntt	ttacnacaga	ntccatttga	acnaaggggc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctccnttca	tactananta	gcaaactgtg	540
gcctcnatct	ccnnttccag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncttggnaac	agtgtcacgg	ccataaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttec	tttaaagaan	taccnaaccc	agccc	715

&lt;210&gt; 4738

&lt;211&gt; 706

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(706)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4738

nctaagtctg	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctcctg	180
gcaactgcagg	ccaggccagg	atgcccaccc	cgccctctac	acggccccctt	ggggcctgcg	240
cccgtgaaac	tggtgccagg	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcttgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcacccaggg	cctgacccca	gagtgggtcc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

&lt;210&gt; 4739

&lt;211&gt; 706

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(706)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4739

nctaagtctg	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctcctg	180
gcaactgcagg	ccaggccagg	atgcccaccc	cgccctctac	acggccccctt	ggggcctgcg	240
cccgtgaaac	tggtgccagg	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420

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acgcctcagg catgtggtga gaggatgagg gggagggagc ccacgcctca ggtggagtgg      480
gcagaggtgc aagagagggg tgtactgaag cttcttcccc tcctgccaca gacacttctc      540
ctgccttccc accctgaccc ggcagaaccc accaagtgcc tgtgtgcagc ctctgtgcc      600
tcaccaggg cctgacccca gagtgggtccc aacaacccgg tctcatgcc actccccatc      660
cctgcttncc aaaaattgca ctgtgtgcag tttgcaacaa agaata      706

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&lt;210&gt; 4740

&lt;211&gt; 1446

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1446)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4740

```

cgggnttttaa aactnctaaa tanntgngct tccantaggn gaaaacgtgc acccttaaan      60
atatttnagn ccnnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc      120
tcagctntan tctnananta tntatanann ncnnncnnann nntacanaag ctcaatatgn      180
natactnct ntacacgtna ntatnacnca tantnnnat actacttcat cntcnacaan      240
ntccgcantn ncnanattat tntnttcttc ataatatcca ntatnntctn cattaatcan      300
ttcncatact tttactnate ncttntcttc ntctatactt ntccatncta ntctactnnc      360
ccttcctnnn aaatntantn ntnantnct caatacannc cnntcactct tannnnnnnt      420
cencatanac antnancctt actnccnnc acccttcnnc aataattctt anacntnana      480
cncnnnnnt natncatana tcacntctn ancttnnann atcntaccac nnannncttn      540
tactnctnan acnttatnt natcttcttc natatacttc nacanatttc tcnttanttt      600
tactnanact attcancnta ctnatnatnt tccattcttc actnaanana tntntnnct      660
caatntcata tntctctnt tntcttnt ctctactan tntncatcat nctnatcta      720
acatntctct cntanannca ctcatnctt tattatnata nactntattn ttntaatac      780
tntantcnat ctctatctnt nctactnctn atcttnanct ntatatncta tatcatctac      840
tctcnccant accntcctna acnntatcta ttanncacac atcatctnt ctanactntc      900
tctattntan cntaatctc ncncatanac tngttntat cncnnctnct tcntcnctc      960
nncanactat actntatngc tntnactac taatactctc tctcctnctc tnnanantna      1020
acagtcactc tnatatanta tnttntaca ctcanatcac ctctcnctta nantntcaca      1080
cacatnttat ntataatatn tccatatac aagcatntac nctntacaca catmntantc      1140
tcatactcan ctctanntea ctccacnnat gactctcagt nctaccant nctcaattc      1200
aatcatnctn canctntnta tcaattnta attatatatn tcttaagtcc nanatgtnac      1260
taantgacta tntnaatctn tcatnntcta acntccatat cacatntcta ctatcaatat      1320
atacttanaa tctcaagtct ctanateccc tcaacaccta cgtntctact atatatcatn      1380
ttnacntaca nnnntctata tnttcacaac tataatntana nnttanntac nctgntntat      1440
nnanat      1446

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&lt;210&gt; 4741

&lt;211&gt; 1446

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1446)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4741

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cgggnttttaa aactnctaaa tanntgngct tccantaggn gaaaacgtgc acccttaaan      60
atatttnagn ccnnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc      120

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tcagctntan	tentananta	tntatanann	ncnnncnnann	mntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnnncnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnato	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttccctnnn	aaatntantn	ntnantncc	caatacann	cnntcatcct	tannnnnnnt	420
ccncatanac	antnancttt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cncntnnnnnt	natncatana	tcacntcctn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttntc	natatacttc	nacanatttc	tenttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tcctattctc	actnaanana	tntntnnctn	660
caatntcata	tntctctnt	tntcttntt	ctntactan	tntncatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntctaatac	780
tntantcna	ctctatctnt	ntcactnctn	atcttnanct	ntatatncta	tatcatctac	840
tctnccant	accntcctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatctc	ncncatanac	tngttntat	cncntnctnc	tcantcctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatectnctc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntnttaca	ctcanatcac	ctctcnctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	nctntacaca	catnttante	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	nctaccanct	ncctcaattc	1200
aatcatnogn	cancntntna	tcacttctna	attatatatn	tcttaagtc	nanatgtnac	1260
taantgacta	tntnaatctn	tcantntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	mnttanntac	nctgntntat	1440
nnanat						1446

&lt;210&gt; 4742

&lt;211&gt; 734

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(734)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4742

tngtaccat	tatctgctgg	ctanntagcc	taaanagntt	ggctcngggcg	aattcgggcac	60
gagggnaaag	cagnaagtaa	tgagcttgct	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaagag	tgacggcgca	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgagggc	gcagcagaag	ctaaagcagg	ccaaactggg	ggagcagtag	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaa	agctccagga	gatggaggca	300
cggtacgaga	aggagtttgg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gagggcnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaactnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtcaaan	aagcatcggg	aaatgggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctct	anaactatnn	gtgagtcctt	nttacntcna	tccagacatg	antancnata	720
cnattgatgg	aacc					734

&lt;210&gt; 4743

&lt;211&gt; 1226

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

<222> (1) ... (1226)  
 <223> n = A,T,C or G

<400> 4743

nnnggggttna	cnccttctaaa	atnttnnnct	tncnntgngn	caaanggggg	cccctctnan	60
natnttcaga	nccncctnaa	aaanatccag	ggaanatttt	gggggggtctt	tttgggggnc	120
tcctttatna	ncnatccann	natatncatn	nttcncteta	natgctnann	ncanatatat	180
tcaagatctt	cnnctcncnt	canctnntct	catanntact	taactnataa	tatcatatta	240
cactcntagt	cttntctacca	canccttnnc	tcattttaatn	acncctaant	cactctattn	300
tnccntcatn	tanattnnat	catcatncac	tcttntttnt	nttatctcta	ntanancat	360
cntatatttc	tactcaanaa	ttatcnnncn	nntantcana	tcaccnctca	taatnttntn	420
nnnnnnttnc	cctaanacct	ntactantnc	antctnantt	cnnctnnncn	nnttcctnnc	480
tctntnttnt	nntantcant	ntcnncnncn	tcnnnttnt	ntnntanac	anccatnntc	540
ttgcnnattt	cnaccnantt	catatcccan	cctntanant	tacatcncnt	nttctactnn	600
nctncnntnt	ncctnnantn	cttancatat	atntantnct	ntnncanant	atattannnt	660
tcctnttnat	atntcttact	attcncntnc	cnatattcan	ttctatnacn	tcanntactc	720
anntnnctta	tgntttatcc	tcttatctct	atctntcnca	naantctcta	cactnnnnnn	780
nttatctatc	ntctanact	cttactctat	atctntntat	ttatcactca	ttccacnctn	840
tcctcttntc	tcanatctat	ncactatcta	cctatatata	tcntattntn	cttataccnc	900
ctatattctn	taatcattca	tanntaccaa	cntacatcat	tcncacctn	tatacctcat	960
natctatnct	attctactct	acatacanct	catagtcant	antctatctc	anctcctcan	1020
catctcactc	nnnatctaac	ntncantnta	tctatctctc	cnatctatat	tctacnctat	1080
acnacactac	ncctctctna	tnnnctctnt	atntcnntct	tantattntc	tctanntccn	1140
tatntatnct	catcnnacan	atatccatnn	ttgcncnacn	cnannatctn	cncctctctc	1200
nttatctana	ctgntctntc	tacanc				1226

<210> 4744  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (747)  
 <223> n = A,T,C or G

<400> 4744

gnnnnnnagn	gggggnnttt	nnnnnnnaccg	aagaacnct	ggaaaccccn	ttgaattcaa	60
aacctatgnc	acaagctact	tggtctntga	gcaggaaccc	atcgactcgn	aanttnnccg	120
aggggaggag	gaccacnggc	gcccggncag	ccacaccnng	aaatggggga	gcancgcncn	180
gggnaggggg	gcccancgca	aaatgnggca	gnccgnaagg	anaaanacgc	aagganncag	240
agcaggccca	acngnggnga	aagggaanag	cannagccgc	annngggggc	gnaacgccnc	300
gcacaaaaac	atgcggagca	agagcnccca	tggagaacng	angggggccc	gcaaagnagc	360
gctagnncaa	gnnagnacgn	anaacnncna	ngngaangtg	gcngcangag	nacnacagaa	420
ancgactggg	nacccaaggc	cagccngaca	acnccancna	aanaccganc	tgnnangcng	480
cagagnanga	actgggatga	aacaaannag	gaagggcggt	ggcgaagagg	ncaactaggc	540
agcgaacaaa	accnccacca	agnggancaa	ggangccang	gngagacgcc	agacgcntnt	600
gcccagatca	ggaaacgaaa	gggacnnang	ncgacatcna	nancccnaga	agngaacagg	660
agnnnacgca	agcccnccga	cnanagaagn	gagatgggct	gaacagnnna	nnatgtnatg	720
ngcagnnnaa	nagagngctc	aacgnaa				747

<210> 4745  
 <211> 1064  
 <212> DNA  
 <213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1064)  
<223> n = A,T,C or G

<400> 4745

cnttactaan	ngnntgctat	cgntcttttc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atTTTTgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccctc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttccctna	tggccatgac	tggaacaggg	240
atgcaacctn	ttnttacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcac	caatcngntc	annnnntnn	360
ctcactcna	cccancate	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tcncaactnt	tcatactcnc	nattactctt	nnncntaen	ctcatcacat	acncntaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctct	600
atcnncntnn	aagctctnt	naatnntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnnan	tntaacngtc	840
ntntctnna	tcntctnttt	tcganatctc	nncacntntc	tntntatnct	tnttcttct	900
ctntaatatc	nantcatctt	agtctcnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttnttancat	annacnncac	1020
ctanatnant	cctctaant	aacttcatct	ncntntact	annt		1064

<210> 4746  
<211> 1471  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1471)  
<223> n = A,T,C or G

<400> 4746

ccccnngcac	acaangncnc	anannnnncan	cgannagagcg	ntgcagagac	agcgcgnnna	60
cncnnnnnca	cagccannca	nnngnnanca	cgacgnnnng	gcnggagnac	gnaganncnc	120
nnacacnnng	nnngnanaan	nacngnanac	acnnnnngna	cgcnngcnc	gagnacnnng	180
accncagcga	nagnnncata	nnnnnggggg	cnnnnagagg	gagatccgcg	cacagnattg	240
ggcantcctt	ttttgggnna	aaacccggnt	tgggagaaaa	aacccccatn	acgacagnga	300
gacagaggag	aganngcgcn	cnnngnaccc	agncaagctnc	gcgacgtccg	ancagccccg	360
acgcnggagc	gaggagcnta	gnaacnnncc	nccacnnncnc	acgcnnnaan	acnnnnnnang	420
ggggngacga	tataagcacc	ganngcnca	nnatctcna	ntcannannn	ncacacncea	480
gcaanngcc	nncngcgnc	nnnaanncca	gnaacnnagg	cncnnanann	nnncnncnn	540
cnannnnngn	ggacnnnnnn	nnngnnnnnn	gcgcannanc	cccngnnng	nnngngacca	600
nncccgccnc	ncnnnnnnna	annnanannc	taacaaactn	nnnnnannnn	ncnngncng	660
cnnaagnacn	ncaggannnn	cannncannc	ncnncannnc	accnngcnc	cnnaannгаа	720
gnantcnnnc	gncanctnac	ngcannnac	gnccangcnc	nacannancg	cnanancntg	780
ncgagacata	nncgacgaga	nncantngcn	nntnnncnta	ntntacannn	cgccccganag	840
cntcngacag	ncgntncgtc	gacagcntnn	cgcacacnnt	ggntgantcc	ngagncatat	900
agaatcagcg	nnnangcaga	cacnacanag	agnangncan	ctcnacgacg	anacaacatc	960
gcgngngantc	annnnngnga	cgantccnaa	nnancagnng	nnctacgca	ganccccacc	1020
ncgaaannna	tncanctann	cagctngcna	nggacanaca	cgcnngnnng	cacaagacga	1080
gccagacngc	annacgcgng	ngccncactn	gnctcacgcc	acagaacann	ntacacnagc	1140
gccngcnaga	gcncacacag	nggtanagana	nggncncgcn	cntnnatgcc	atgngaacca	1200



cgnagacgca	ccgagacatn	nnacaangcg	ctcgcgcaga	gncnanncnc	nagacggccg	1260
tatnagnagn	gagncacanc	nanngnnnga	gcagcnnnan	cgcanagnga	gagagcacnc	1320
agngganaca	cgccgtagac	cnnntcngg	ncgcncccgc	ncnggnagca	nntnnnnccn	1380
ntntagacan	ncagcgntgn	nngacatann	gnaccatcat	gtacncagcc	agcnnantag	1440
agntncncan	acggcagcna	gcagcacnnn	c			1471

&lt;210&gt; 4747

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(915)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4747

cgaccagaac	ngcctngaaa	tcccacaaaac	gaggagcaan	cgacgcgaag	acggcacgag	60
agcgcgaggc	aacgnccccc	ccattntntn	ccacgctggg	aagaccaaca	ccncccgag	120
cgcganacag	cacccccacg	gcggangcaa	ncgangaccn	ncggacagca	cncacgggnc	180
gganccaggn	acgcncgccc	cnnngcncg	gaaccnggac	cagccaanag	cgcnctgng	240
ccngacngag	nnncnccnaag	gncganaanc	ccgagcncgc	agaagaancc	ccggggaacg	300
agcngacggg	anccgcacaaa	aggcacccnaa	gacacaaggc	gcaccacgag	gcncggaccg	360
ngncccnagca	ngcccganag	ccaacacagg	ncannngnag	ngacgnacag	aaccggaaan	420
caacngccac	acaaaggngc	caaccgnacg	cnacnggggg	gccccnaca	gggnaaagac	480
ccaggaancc	aagngggccc	ggncnanccc	cnggaaanng	accnggcaan	nngggcnnng	540
agaaaaaacc	aaaggccnag	cgaancngaa	acccangcag	ccagagcacg	nanaggnaag	600
cggcaaanaa	ccgganaggc	cccaggangg	accgaaagna	ccgngggngc	cccaangccc	660
aggcccaaaa	cgcnacagaaa	aaggnnanna	accaaaggcc	cagngngccc	cgaancaccn	720
nnncagcacc	nagganaacn	aganagaacc	gcgaccaacc	cnanaanncc	ggncaaanna	780
canaaanccat	ccncaggggn	gaaggancac	nngccnnncc	ncnanncaaa	nccaaagccn	840
ncacaaangg	ccacaggnc	anagcanncg	nacnaccgcc	anacaangcc	cagaanannc	900
ggggganngg	ngccc					915

&lt;210&gt; 4748

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4748

gtttannan	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
agaaggacgt	gccgtgccgc	tgggttctga	gccggagtgg	tcggtgggtg	ggatggaggc	120
gaccttgag	cagcacttgg	aagacacaat	gaagaatccc	tccattgttg	gagtcctgtg	180
cacagattca	caaggactta	atctgggttg	ccgcgggacc	ctgtcagatg	agcatgctgg	240
agtgatattc	gttctagccc	agcaagcagc	taagctaacc	tctgacccca	ctgatattcc	300
tgtggtgtgt	ctagaatnag	atnatgggaa	cattatgatc	cagaaacacg	atggcatnac	360
ggtggcagtg	cacaaaatgg	cctcttgatg	ctcatatctg	gtcttnanca	acctgtnttn	420
tgaantcgng	naccncnat	gtgnaaatcc	cctntntaac	ttctcaagnn	tcnncngttt	480
nggncnttct	tttaagggtg	cctttggggc	cttttctggg	gnaantttta	anaangcana	540
nnngcgnntt	ttaanagggc	tnttttnggc	ccccctnnt	tttnnaaaaa	atttttntnt	600
taaaaaaggg	gggattccnt	tnttttnnaa	aaaanccaag	ggnnncncc	gggggccaac	660

```

ntnnnggnat taanaaaaat tttnggnngg tnatancaaa taaaantntt nttttgggan      720
ggaaaatttg naaaaaannn nnnnnntnnn nnnnnntnnn nnnnnntn nnnnnnnnt      780
nnnannct                                          789

```

```

<210> 4749
<211> 10
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(10)
<223> n = A,T,C or G

```

```

<400> 4749
nnnnnnnnnnn                                          10

```

```

<210> 4750
<211> 749
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

```

<400> 4750
gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gatttnaatt      60
cggcacgagg tcacacgggg ccacatctgc tgggtgccctc cgtgctcctc tgcagcaagc      120
ccagcctggc cattgctgga ggtcctggag cccacagtgc cttggcctta aagagctcac      180
ttgagaaacg gcttgttccg gtgggggtggg ggggtggattg aagactctga gacgagcagg      240
gaactcagaa cactgagtcc ctatttgatg ttaaaatatg accgttaaac ttctgggtaa      300
gataatgaat ggcactatgg tttatactgt ttctgttnta tgggctcttn cagagacgtg      360
aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt      420
gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagttctg      480
taattaccac ttttaaactt tttattacga aaaatgtcaa ggaccctgga attaccgtga      540
ggtaggcagg ataatgggcc cccaagatgc ccgtgttgtg accccaaga cctttgtgag      600
tgcctcacat ngggaaattg gcctangtca tcttgcanag ccanggaag cccattggc      660
ccttaaagct tganancctt tcctgctgga ntttganaga tgccngaanc annanaagnt      720
anaaacccct nggaagggcc ntacttctt                                          749

```

```

<210> 4751
<211> 708
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

```

```

<400> 4751
gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggtgcgac gaaggagtag gtggtgggat ctcaccgtgg gtccgattag ctttttctct      120
gccttgcttg cttgagcttc agcgggaattc gaaatggctg gcggtaaggc tggaaaggac      180

```

1600

tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtgggcccgt	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcccg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtgggtgn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaaag	gacaacagaa	gactgtctaa	540
aggatgectg	gattcccttg	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaaagttaa	ttagctttcc	accaacccaaa	tttctgct		708

&lt;210&gt; 4752

&lt;211&gt; 737

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(737)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4752

ggnttttnan	tctacanncn	actggctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcttntntg	gnctnnccgn	ctattntgnn	atcagagnng	ctgggacagt	120
tgntgctnnc	ctnnntnacg	nnagnnttn	nangnatgat	ntctatgtgn	annacatcnn	180
gaannagnct	angaanaatg	ttgacnccan	tgtttntttn	atgannactc	gaanatncat	240
atatggnant	aaangcaaan	ctntannctt	gngannngng	nctagtatna	ctcacgcgcc	300
cngcnaagac	cctgctcntc	gcagnannat	acagtatgct	attctggact	tacngagtcn	360
gttcnagcat	aatggattcc	nttgctcgc	tacntgnnnc	aganaatctc	anntnctggt	420
naccaacctn	ncnangnnat	nnccttantt	acgctcgcgn	agnatgtgat	atnntaannt	480
gaatnatana	tctgatgnac	tactgacagc	ttctngatgc	ctgctcagga	taatgcctgg	540
ngcatntgac	atcaatanca	acctngntnt	naggtcttan	tccttgaang	actntgntaa	600
tgentacaat	gnttataann	ttgnccatcc	acaatntgaa	aatcaggagc	ttgacngcgn	660
tatnggncaa	caactnctac	ngaacntagt	gaacattgga	tgaatatnnt	aaagcctggt	720
angcnnatat	tnggatn					737

&lt;210&gt; 4753

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(795)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4753

tgtacnaann	antgnggtng	ctcgtncttt	ctcnnaanan	nnnngcttgg	cgaattcggc	60
acgagggaaa	gaggaagaa	agagaagctg	gttattttcta	gaggatgtcg	taatctacat	120
cacaggcaga	actgatggct	cagtggctga	gtggccagta	tattgtcttt	ttttttttga	180
gacaaggtct	cgttttgtca	cccgggctgg	agtgcagtgg	cgccatcttg	gcacaacctc	240
cacctcctgt	gttcaggaga	attgcttcaa	tctggaaggc	agaggttgca	gtgagattgc	300
accattgcat	tccagcctgg	gcaacaagag	ggaaactccg	tctcaaaaaa	aaaaaataaa	360
agtgcctttt	aggccggaaa	aaaaaaaaaa	aaaaaaaaaa	aaaactcgag	cctntanaac	420
tatagtgagt	cgtattacgt	agatccagac	atgataagat	ncattgatga	gtttggacaa	480
accacaanta	gaatgcagtg	aaaaaaaaatgc	tttattttgtg	aaatttgtga	tgctattgct	540
ttatttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cnttcatttt	600

atgttttcagg	ttcaggggga	ggtgtgggag	ggtttttaaat	ttccccggccc	gcgccaatgc	660
cttggggcccc	ggtacccanc	ttttgntncc	ctttagtnga	gggggttaa	tgcccccttt	720
ggcgtnaatc	atgggccata	acctgggtnc	cngtgngaa	attgnttatt	ccgnnttcnn	780
aatttcccc	nanct					795

&lt;210&gt; 4754

&lt;211&gt; 751

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(751)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4754

gagagggnnn	ttttnaatgc	cagctacttg	ttctttttgc	nggatccctc	gatntnaatt	60
cggnccgagg	cnncnctgc	gctccgtgnc	tcaacanggc	atgccnntnt	ctnccgtacac	120
tatnnagnga	gattnntagg	gactatggtn	nagnanntcn	gtacntgnaa	aaggggganc	180
tattgcatct	anaaaactta	tnatntaaaa	ttgactnatt	tagactagac	tcaagaatgt	240
atatgctntt	ggtaattagg	aactctngag	aatanaggct	gctgattggt	gccatancat	300
gtntacaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaacttaa	taccancnaa	tgcatataaa	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tcntntanga	480
genatcttag	ntctnagtca	ttggncenat	ccntntnctg	tgagtaccag	nacataccga	540
acttgnntnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaaccg	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaananntc	ctgenttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntnttncctt	ttggaccatt	tgncctntca	720
atatnngccn	ccngaattga	nntnaaccnn	n			751

&lt;210&gt; 4755

&lt;211&gt; 963

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(963)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4755

cnaannagtg	anngngtgc	cttgccnaac	nannnaggcg	ggggcgtctt	ggtntntctag	60
ccttttagaaa	aaaaaaatct	agtcttggtg	aagaaaatgt	tcattttta	caagctccag	120
tacagcttgt	gtcaagacct	agtaagacca	cctttaatgt	gttcctggat	atgacattaa	180
aaactaactt	gaaaattggt	aggatatttc	cttggtccct	actttttatt	taaaatctac	240
tacatnctta	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	cttagtagcc	tatatgggct	tattccaaaa	aaggcggtta	cctccatcaa	360
aacatctnct	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	tcacttatct	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	naggnaaagt	tcctttctgc	tgctctccct	cctttggtaa	tgcttatcct	540
tatggaaacca	ctnaacctgc	acaaaaccct	tcnccctaaa	aanccangnn	aanntggcca	600
anttcttnaa	ttangccanc	ttattttatc	ccnccnggnt	cattaaaccn	aatntcttag	660
gcctggctnt	ggggccttcg	ggggggcctt	ttnggccttg	cnntntngcn	tnnttaaaant	720
ncaggccttn	cnanaananc	anctctntnc	ntctaccgan	naanaaccct	ctcnanangg	780
nccctcttct	tcanaanaacn	cttcttnnagc	tcggagaggg	ncccgaccaa	tttnaaccgc	840
ttctntntnt	ccccnccggt	gtcacctttg	gcttttcnnc	nncantcnnc	catctttntg	900

cnnantnactn nnnnattnnt gngngcanac acaacaancn cccaactcca cncctcntgtn 960  
nan 963

<210> 4756  
<211> 707  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (707)  
<223> n = A,T,C or G

<400> 4756  
gttttaatnn ntcagctctt gttcttttttg caggatccca tcgattcgca agattgggct 60  
atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120  
taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattatatt 180  
aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240  
ggaaaccagt atgtagtatt cttggcaggt ctagggtttca taatcctaatt ttctttgcag 300  
cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360  
acaagtaaca atacctaact aaaagtgcct taaataataa gcagtttggt atttcacaga 420  
atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480  
cataagactt gcttacttta aagctcctct gcatgtcagc agagggtctgc cccaatttta 540  
gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600  
aaaacttctt taaaagtctc ataggagggt tttccttagt ctcattggat ctcaatggct 660  
cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4757  
<211> 707  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1) ... (707)  
<223> n = A,T,C or G

<400> 4757  
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atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120  
taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattatatt 180  
aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240  
ggaaaccagt atgtagtatt cttggcaggt ctagggtttca taatcctaatt ttctttgcag 300  
cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360  
acaagtaaca atacctaact aaaagtgcct taaataataa gcagtttggt atttcacaga 420  
atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480  
cataagactt gcttacttta aagctcctct gcatgtcagc agagggtctgc cccaatttta 540  
gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600  
aaaacttctt taaaagtctc ataggagggt tttccttagt ctcattggat ctcaatggct 660  
cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4758  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(707)  
<223> n = A,T,C or G

<400> 4758  
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cacgagattt gggagtnnta atatngacat tncctngatg ctnatatatg taatgtotta 120  
attgagattn ctgtnanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180  
gcccagntnt tgtcaaacta tggataaatt ttaatgttac tttaaaaatc catantctgc 240  
tagttttgca tgtncctata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300  
attgataaat gtcgatctgg tgtagtatat tttatcgcat ttncctatat taaaaaatgt 360  
ctgcatgatt ncattttatt tcctttgtaa tttacatttc agaatagtgt attgctatat 420  
gggtgccaaag attgaatatg aagaaccena gtgtttgtag tattatagtt ttaagcaaat 480  
ctgtgtggng atacagccat nagantgggg cttatataaa ctctgaacat gtaagatttt 540  
gtacagagaa tcnttaactn tataaattgt atatgancat gtaaatcttt taaaatgtac 600  
atnanatact gtatttcatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660  
tttattacgt nntctgnagc ataaacccat acatngatga cttannt 707

<210> 4759  
<211> 842  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(842)  
<223> n = A,T,C or G

<400> 4759  
annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaannntt 60  
tatannnnnn tntnannnnn antnntaatn atgttnntct aatgnnggct nctactcttg 120  
ntgnttgtgc agtaccnng gattcnaata cggcacgagg caagttccag tgaaccacaa 180  
gtatggcaaa ncttatccaa ttttatgctn ggggcagtca gnacatacca gtttctgatg 240  
tttcaggcat gagtggggta aataagtgtg accacttaaa gctgntcgtt agcatggaag 300  
acttctocat tctatctttg naaaacagac aanatatgca cttgacatat tagcaaatng 360  
gtncatgaatt atncaactgt ttgctattta ntaaactagc aaatgatgca tgtattntgt 420  
ttttcatgtn ctgggcaata tgagtaaaat ctgtcccttt tccccctnt gaatgaggtc 480  
tnncatgntt gangnaaagt nttgcactat ngcatatant nnggggacac agattttcat 540  
aatntccatt ttttggggggc ttaaggattt nttttttcn ntgtgaaaca gtnataannc 600  
ttanncnata tnatancctn aaatatntac caggaaaant cttttttgga nttttcaaag 660  
ccttnnatta antctanttt ttaaagaaan cncntatgtt atattntna aaaggttntt 720  
ttcccccaa nccttanttt tacctgnnaa nnccttgnntn ccnttttaat antatnttta 780  
ccaaatntcc cnatttcng ganaatntnn cccttccnt nccttgaaaa acattgtttt 840  
nc 842

<210> 4760  
<211> 843  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(843)  
<223> n = A,T,C or G

<400> 4760

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gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggc	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctatacc	180
caacacaaat	atccttcaaa	aatgaagggtg	aaataaacac	tttttgatgg	acaaactgaa	240
gttgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atgttgaggc	aagtttttta	300
ggcnnaanaa	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaatggtnn	nattatntgg	aancatata	aagtnatctt	ttctcattnt	caatcccttt	420
tgagaaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggg	gtgtgcctgn	540
ngcncngcn	tgtcttgttn	ggctnanatg	gggacgatnc	attctnacc	gagcccnat	600
angtccctaac	ctnntntgan	ctgttgantg	gtntcactca	cncctctctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaanccctt	ctcaaccttc	cncctttctt	cnnanctntt	720
anctgnannn	tcctttatnc	nccctnnt	ccccccacct	tcctccgnat	cncctctcct	780
gcancctttt	gtccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcacccag	gctggagtga	agtggtgcta	300
tcataacttg	ctgctgctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaaagt	ttgggattga	gccactgtgc	ccagcccatt	540
gnttttatta	ttttttaaa	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnca	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aattttttt	718

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240

ttttctgtaa	aaagagacaa	ggtcttgc	tgccacccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatagaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagt	ttgggattga	gccactgtgc	ccagcccatt	540
gnttttatta	tttttttaa	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnca	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

&lt;210&gt; 4763

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4763

gttannccctt	tcnaatgctn	ggctacttgt	tctttttgca	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatatctt	gagnnnnncan	gngegccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatagagtan	ctactagagg	natgcatngc	300
gtgtaaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgnctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cnccagagtt	ggaaataatg	ccaanangcn	600
tnggttnatta	gnttcncaca	tgtanngtta	ggtttttttg	actnntgcna	ngcttactan	660
ttgggggggaa	gaagaattca	gaagccttgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccenn		768

&lt;210&gt; 4764

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4764

gttannccctt	tcnaatgctn	ggctacttgt	tctttttgca	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatatctt	gagnnnnncan	gngegccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatagagtan	ctactagagg	natgcatngc	300
gtgtaaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgnctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cnccagagtt	ggaaataatg	ccaanangcn	600
tnggttnatta	gnttcncaca	tgtanngtta	ggtttttttg	actnntgcna	ngcttactan	660



ttgggggggaa gaagaattca gaagccntgg aaaggtnnggt cngaanttaa ngaaatngta 720  
 aaanaaaagct tggnaaaantt ttacccttgg caaggatngn ntngccnn 768

<210> 4765  
 <211> 1475  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1475)  
 <223> n = A,T,C or G

<400> 4765  
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 anacctncac caccancac ccaaaanaac aancnaaaca acaacagncc cctcncacct 120  
 nnannccnnc ccncataant acancctccc natagctntc acccacacan cacacnccnt 180  
 caacccccan canctcccn acnccccacc caacccaaan acntnacnta annccacccc 240  
 cacnaaanac cennncaaca cncnacnaca cncncanncc tcacnccaac cnccccaccc 300  
 nccncaacen ancnccttan canaccaccc cncaccccccc ccccaaacnc aancnncan 360  
 cnncnacnan anctcaaccc nnaccacccc cccncacca caccctccan accccanacc 420  
 cctnanaccc ccncaaccnn ccacacncat cacnnncaca acatntacnn cntcacnca 480  
 caanacnaac acccaccnca cacnnacacn cacatcannn natgnnctca caccactca 540  
 ntntaccaan ctaacaacca caccatacag ntatencaca canncccaca acnnacatc 600  
 acaccancc ntcnnnaacc caccnacacn acacactcca tacanccanc ncacancaca 660  
 ccaannncca ncaaaaaaccn acacaacaca nannccacaa cactctctnt ancnnacact 720  
 ctaatatcnc ntaaacatna cncnnaacc cacactaccn caaccatnat nccatacnc 780  
 cacacanaca catcacaacn cncnccctnt cantctncac ctacacacna tnnacanaa 840  
 cnnaccaccc ctntntaana acacannntn cacnacncac accaccacat acaccaca 900  
 nctcctcnc tcnncnca cccaccaccc aaaatcaccc nnnacaactn tncnctnaa 960  
 tncnntatc tctccaccac naatnntanc cncacncnc annctctcac aacactctc 1020  
 cacanatant ctntcctct ngantcacac ancannacaa ctnccccaca tctcacann 1080  
 cnnntantna cctntcnanc caccacacat cacacacctc acannncccta cntcacnacc 1140  
 anccacacca cnanacccca atncnctctc canacacac acnanacnnn cctcannnca 1200  
 tcnacncaca tncatcacca ccnaccacnn aacacctnct cactacaaca cncancnatc 1260  
 accnacncc atcacacacc acncacanca caccctcacc acccaanntc acacactnct 1320  
 ctcccnctc tctccaccn ncnncaatcn nncaacacnn ncccaccac accctctacn 1380  
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 annaacttca cacaactatc natncnncnn tncct 1475

<210> 4766  
 <211> 798  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = A,T,C or G

<400> 4766  
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 tgtntaaant gganagtctn tnatnatcgg tatgaaccn tnaaggagcc atgtntaccg 120  
 gnctagctat actngncenn gggaagnccc tgectgtgtg nantncntn ctgggatnct 180  
 tnaanagnaa acnnnacgct ctncanatt cntnagatgc ncagntagct tatnagncat 240  
 gggattgccca nntgnnccat ctncgtctcn anggncncc anngcacnng tttnnccgac 300

naacnggncc	nectgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgetggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctcngagatt	gatngttggc	tataatatng	aagccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgnetcctca	tctgtatant	gaaanncatc	tnattaggna	nagngtttng	540
anacntttng	aaaggncnta	ctggnaattt	acnttanaat	tnnttnccat	tgtccgacca	600
caaanttnca	agnttttccn	gncacatttn	nnnacttaan	ggcccnngna	cctggaagng	660
ctttgaaaag	gcgccttttn	aaannnggat	ttagccngnt	tnatttancc	cnttttanaa	720
acnggnntc	aggncncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnntac					798

&lt;210&gt; 4767

&lt;211&gt; 1861

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1861)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4767

naacngngtnn	gtgaggccta	aatagctnnn	ctntngtgta	ttngggngna	ggtgcntnna	60
tnengccenna	gnntannnnn	nggntnggag	nttngggngn	nnnctancnc	tatanccnnn	120
naennagggg	ggggncnttn	tnnttccctt	tnctnctcnn	ngtgntnttc	tnngnccntt	180
tnenennntn	cantctnnnc	ctcaegtntt	tnngttennc	ccnnantncn	nnnccgnnca	240
tcctttnttt	ccnncccttn	cttctntnnc	aancactntn	natatgcctt	atataactcnn	300
nncngcnac	ncatnnctta	tcnccctnnn	tctnctctac	nnnctcagta	nttntnctctn	360
nnngnctnnc	tanctnctgn	gtctcncatc	atatacnccg	acgtnnncat	tannccctcca	420
gtcctnnctt	ctnactctna	nnnangtctn	tcctgtctntt	cnanannctc	tnntntnctat	480
ctnnattang	tnacgnctct	gnncncttcc	acangagnnt	atgnncnttt	tgtncatctc	540
nnactcngc	nncaagactt	cnnatntctc	nattnacang	ntcactgcta	actcanctnn	600
atntctctct	ncnnnagcga	acgatnntcg	cannanacag	cctntctgcn	nananacntc	660
gcnctcgttn	tagngcgatc	tnncagtttn	ttcttnatcc	tcgtnttgta	ntatntntan	720
gaatacatna	tctnncangc	nncaacttanc	anntnnccatg	acnactntgc	tctctgntan	780
cacanangct	ttcnngnctn	tcttacgann	ntgcnnccgc	anactntgac	tnctctnatgt	840
cgtctctcat	nnatatttnn	tnacatanc	tnnctntctc	ctncantntt	gnctancctg	900
ntgattctct	atatngctca	ctntnccat	acannntngn	anacnattgt	nactcaangt	960
cntcgnnnan	nttctacgct	cncnttgacn	ttccaatang	ganatntctn	tnccacnnct	1020
gtntatncca	ngtccctgan	ccgannatan	atcnnnatat	cgacgacnng	cnannnatan	1080
tctctcagcg	natatncatc	ngnnctctaa	ncncanactg	ctattcnant	agnncnctn	1140
tctctatncc	cncctcctan	tacannattn	ggntnnnttc	gctancnntn	tcgntcctnn	1200
ttnnntatan	nnnnnagctc	acnnnncctg	cgccatntnt	acntcatnnc	nngtctccat	1260
anacatntac	tnctatnaa	ngtaccctnt	ntctctcgan	ancnncnatn	nattgntcat	1320
nanatcanaa	atntnnacnt	ctctgatgac	gcntctcant	atactgncac	tcttcnnatt	1380
attatnnagt	tcattgattct	ntctctcana	naannctcng	cnnnnctctc	tnaccatntc	1440
nancgntagt	gncatgcanc	tanntcncca	cntntatntg	cgccaccatn	tactctatng	1500
atctcctga	ncatntnan	gnatnatctn	tnnccnnat	ntcnctgtnt	antcnancnc	1560
anacatnccg	tctcatctan	agtctcttan	gancnccgna	cananctctc	acanaagatn	1620
nntagcttat	taatatgana	nnntccctna	nnccctnnnn	nnccatntn	atanncnag	1680
nanngactcn	cgacatntna	tcantctctn	cncnaacnct	nttctannng	tnntaatctt	1740
gnannctcgt	antcnnnnca	nttcnntntc	atgcacattg	cgcanntctt	ntnccatcaa	1800
acatactnta	tnctnagacg	actnnagctn	cnatactctc	tcnnctnnan	ctngccnctn	1860
t						1861

&lt;210&gt; 4768

&lt;211&gt; 1522

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1522)  
 <223> n = A,T,C or G

<400> 4768

ctnttaactn	ctaattcttc	ttcntggcna	cggncttan	tatgngcnc	tnaaaatcng	60
aataggggtc	tnggggggnc	tactcnaccn	nncncncnc	gnccnatna	nnccetnaag	120
nntgnctttc	cngcncttaa	ntccnctct	caccnncntn	nccgncgngg	ttttencccc	180
tctnccctcc	ttncctatn	ctcttnccn	tccctctct	ntccccccnt	tntcnatntn	240
cntccctcnt	ncctatctc	ccccctccn	ccccccanc	catccttttc	tnnctcccn	300
cnctctcnn	tnccctcacc	ttttntccn	tcnnnttct	cctcacnnc	cncnancct	360
acatcnctc	tcttncnt	tntctcncc	ttnnacactc	tctatcattt	atcctccan	420
ntantnttna	tccnnncta	cctnnntcta	cctttccnca	nanntcttca	tctttccctc	480
tcactccata	ncnaccna	tccnacttc	tntaatctct	tcnntcactn	ctcnctcact	540
ctcttntctc	tcnnccann	nttcacactn	tnntnnnctn	tcctntcnan	ntcnttcatn	600
ctcanenctc	ctctntntn	tnttctctn	ntccccntac	nnccctcccta	tcnctctnnc	660
cncatcnnac	tctctctnt	ntccaccctc	ctnctctcnc	cntttatanc	acnc <sup>+</sup> tacnn	720
ctcnccnnn	cncnntctca	ctcactngct	ccatcnctcn	ttntatanat	ccccnctctn	780
tctgatctct	cnccnactt	ccncanactc	tactnacttn	tctncaactn	ctancctctt	840
ctcctcanct	ctcgananct	ntntcnann	tcantctcna	ncttntatac	cancgnctc	900
tacctntntc	cctcacnacc	tctctctccc	tccgnatcan	ctcnccnct	ncnctcaca	960
ctnnctcact	nactcatnnc	tntnnatctc	nncttantcn	cncncnctnt	cactctctca	1020
natactntct	ntctatctt	ctntcantct	tntcttncc	actatncact	ccccctnna	1080
tentaccct	caccatnctn	tnnaatccnc	tcagntacnn	tctacatcat	tnccntccat	1140
ctcctgctna	cantntcncc	acatctctct	ctnnnnnccn	ttnactcct	ctcnccnct	1200
ccatnctcat	cacttccatn	tcnctctctc	tcnnactcta	cncntccct	cnactnntca	1260
ccccnctta	tccatctcnc	cnntctatct	accncaactaa	ctctctccct	accnctntt	1320
cntccntntn	tctncttcac	atcantctac	tactcctncc	tntnctctat	ntcttntctc	1380
ttctnaccat	tatcnccntc	ctcntnnct	nncnntctta	tntcntntac	atcctccnt	1440
cacttactct	cacnnncctt	ncctctctacc	tctctcaccc	tctactctc	ntntctcnn	1500
catactann	tctcnccatc	ct				1522

<210> 4769  
 <211> 1411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1411)  
 <223> n = A,T,C or G

<400> 4769

ccncancccc	ccnnnnnaac	ccnnnnccnn	nnnnccnnnc	cnncnannnn	nnnnncannn	60
ancannannnn	nnnnncnnnn	nnnnnnancn	ncnnncnnnn	nnncncnnnc	nnnnnnctntn	120
nnnnnnccnn	nnnnnnccnn	nnnnnncc	nnnnnncc	nnnnnncc	nnnnnnntn	180
ccancntann	ntnccnnanc	nnncnnnnnn	nnnnnnnaaaa	agaagaagg	nnnnnnnnnn	240
nnnnnnnnnaa	anagaaacnn	acnnggggnc	gcgnnggggn	cncgnttttt	tcccttaaaa	300
annaggaccc	ttggggcgna	cannngcctc	acncatcgtc	nnnganaca	cgagacnttg	360
cgngnnnga	tttttnnaaa	naccgantnc	cncatacnna	cnacgcncnn	ncgnnnnaaa	420
nnccnnannnn	angnangtan	nnnncgaacc	ccnnnnnaaa	ncancnctn	agnaagnncc	480
anncagcact	cgctgcggta	cctnccnccg	ccgncgnncc	aatcaccnac	ngntnnnacc	540

ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctectac	ctntnnagac	600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnatcccct	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaagcg	ccatcncccn	nnanancnnn	natccnannc	720
annttcttan	ccccatantc	ccccacacac	ccccngnnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnntcctnaa	ccancctanc	atannacetc	tncnnnccct	ctctgcnccn	840
cacaacnnat	nanctncaaa	caanncnnc	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnnc	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnnat	caacancacn	acnaacannt	1020
cncncctac	mntatcnann	atcannnnca	cccnccctt	annannnnnn	mntnacancg	1080
tanaaaacgn	ganaacnnca	nnncnntcta	acctnnaanc	cacnnncnnc	acnncnnanta	1140
nccctcngn	anncnnnnc	ccnnaccnnc	cttnanncn	nnccctttna	anacnantca	1200
ncnncacanc	cnnncnnc	gacncantaa	nncccaatca	nctaaaacnn	ctctcncnna	1260
ncnaacacat	cnannacgan	cntccnacan	atncaaganc	ncnannaant	cnacncanan	1320
angctcnac	ntatctnnaa	acnnaannat	netcactanc	acacaaatct	nncacnanta	1380
anancnnc	cgnaatcanc	aanataccnc	c			1411

&lt;210&gt; 4770

&lt;211&gt; 1349

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1349)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4770

ncctntaaaa	tnnnaaaact	nnctttgggc	naaaaacnnc	ccctcaaaca	tattcagacc	60
cccttaaaac	atcagggann	ntatggggnt	cttntngggg	gccnntnnnc	antntcatat	120
cnnatacana	nnccccntnt	ctacacaten	ctntctactt	annantcttn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tcccactccc	ctacttcacc	tctcncnnnc	nctcctctta	240
ccancntat	accncancac	ccaacacnnc	accnccnacc	tancacctat	canntctctca	300
nattctccct	ntctcccttt	ccctcctctc	attcctcccn	canctcnana	ccnncnnncac	360
ctcattctac	tacacncncc	netccctctc	cccnnaacnnc	tctccatcct	ncnccccncc	420
nccttcccnn	ttntcncctt	cctannncaa	cactccacna	caccnctcn	tctcctcact	480
cctaactnct	ancncannnc	tcanctccan	actntcctna	cataactacc	ccactcntac	540
netctncatc	cacctcannn	tcacncatcc	actctctntt	cnctctcttn	nnacctcnca	600
tenntctnac	acctctnccc	cttctctntt	taccattcac	tctactcttn	nctnnctcac	660
tctctcatct	cntcnaccnt	ncatcactcn	tccnnttacc	ctatcnctct	ntatctntca	720
ccatatecnc	actcncgcac	actctancta	cnctctacct	atactntcnt	ctcatcacta	780
natntntaen	tctctcnacn	cttannnctc	nactacncac	tctcttctcc	actncancnt	840
anacacactc	cctactncac	ctcacatatn	tntctctcn	ntcatnatac	ctctnnatnt	900
antcctctnc	tncnncacnn	tnnctctcac	acacactntc	tcacactnac	nctctctctc	960
tectntctcc	tctcncnct	atanacctnn	cactctcant	canccttact	accnctcttc	1020
tctcctnctc	cnctntcttc	nanatnnncc	netctacacn	ccacttacan	naccacacat	1080
cactcctnca	ccctncaten	ntcncttcac	tanntaccac	nnactcnca	natctcctn	1140
tctntnctnc	mntnaccnct	caccatctnt	tctnctcnc	tcacntcttn	ccactctcac	1200
ctcnttcana	accatactcn	ntntccactc	cncccttcac	ctcctccacc	nacatacccc	1260
nncacncac	tnacnctcc	annccacatt	cnacacntcc	ntcnncncc	tcctttcn	1320
tectncccc	tntctnca	cccttccn				1349

&lt;210&gt; 4771

&lt;211&gt; 791

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(791)  
 <223> n = A,T,C or G

<400> 4771

gnntttagan	nnncngccnc	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggttatggt	gggaggagcc	gatactgagc	ttcttcctat	ttgccatggg	cttcactgta	120
taaataaggag	aggatgagag	cccagaggta	acagaacagc	ttcagggttat	cgaaataaca	180
atgttaagga	aactcttatc	tcagtcatgc	ataaatatgc	agtgatatgg	cagaagacac	240
cagagcagat	gcagagagcc	attttgtgaa	tggattggat	tatttaataa	cattacctta	300
ctgtggagga	aggattgtaa	aaaaaatgcc	tttgagacag	tttttagct	ttttaattgt	360
tgtttctttc	tagtgggtctt	tgtaagagt	tagaagcatt	ccttctttga	taatgttaaa	420
tttgtaagtt	tcaggtgaca	tgtgaaacct	tttttaagat	ttttctcaa	gttttgaaaa	480
gctattagcc	aggatcatgg	tgtaataaga	cataacgttt	ttccttttaa	aaaatttaag	540
tgcgtgtgta	gagttaanaa	gctgttgta	tttatgattt	aataaaaata	ttctaaaaaa	600
aaaaaannnn	nnaaaaaaac	tngagcctnt	anaactttag	ngagtccggn	ttacntnnat	660
cccgacctg	gntaaggata	ccattjgntg	aantttgggc	caaaccccca	annttgnaat	720
gcntggnaa	aaaaaatgcc	ttnatTTTgg	g_aaaaatTTT	ggggaaggcn	nttnggnttt	780
aatttngna	n					791

<210> 4772  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4772

cggtttnaga	atcnancnct	acttgttctt	tttgcaggat	ccctcgatgn	ngaattcggc	60
acgaggntac	ntgcaatnac	catnntggna	tcagtnact	anngectctc	ntagaaaaaa	120
ggggaccnag	agacnggtnt	tcacatntc	gcccattgng	gtctcacact	cctgagctca	180
ngccatcna	ctnccntnnan	ctaccaaagt	gnttccgtna	nagncnaact	catttttnatt	240
caatggccat	ngnntctnac	acnchnattga	natntnagcn	nacntannnn	cagttntcan	300
ataccantg	gcgnatnnan	aaccccnnga	tgcnngaccn	tngtgaacca	natgctnana	360
tgccattcaa	tcaggaagat	gccaaaaatg	nnctnnttat	tntaanataa	gtacttaagt	420
nancantatt	cagaantgac	nntctcatan	ggaagentnn	ttatctnctt	nnatnannga	480
nattgttana	atcnttnccn	ntaatccacc	ttnatnnnta	ccentttgtt	tattaaggca	540
aaagattncn	nttatccnnc	tannaatgct	tcatgaaatc	naanntaata	ttntttnaag	600
ctantntcca	ccattanttn	nnnntgtaca	tttnntaatn	tgnaannccn	atcttgtatn	660
aaagaacct	aatnnccaan	nnttccctnaa	tnatgnttnn	attccacctt	tanncnatat	720
annccnaact	tntcttntct	ttntttccnc				750

<210> 4773  
 <211> 979  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(979)  
 <223> n = A,T,C or G

&lt;400&gt; 4773

gtaccnattt	atgtgctant	ctgctcnttc	ttnttgcaat	atcccatcga	ttcgaatnng	60
gnacgagccn	ncctgggtcnc	tgncaggatt	gacnnattgn	tagctntttc	tagannnnngn	120
gnatgggtgg	gcatggccga	gtcttagtat	ggtaggagcg	atcatgaaag	cccagncact	180
tgngggacaa	ctncaccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtgggagacg	ctgcgncaga	aggctgaggc	cgncagaat	gataaggngag	300
nnaaggtcct	gntnntgctg	ctgctngaen	cognnctgtt	atcntctggc	tnnnccnntn	360
aggntcccc	taccactcn	aaccgcacat	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agatcccntt	480
tntcnnnngc	nacgangatn	catttnntcc	tngaanaagt	ccatntagtc	actttncenn	540
tccnntntcn	aaccctnttc	tccctanan	cttacntttt	ccnnatcntn	cctcnncatc	600
tcgncnattc	ncncacatcn	cncccentcc	tcactctcnn	tgnnnctatc	tnncccnccc	660
ccnctcnntt	tntctnattt	tacttctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntncnntnc	tnttactnnn	ctcnctact	acntcactcn	netccttact	cttnnncant	780
nnnnctctnc	ctntnncttc	netctcenn	tcactnancn	ctcntntntn	ntcnntcnac	840
cncntntctc	nanctcannn	netnnntnca	tcatecatann	ctntctcnc	ttannntnct	900
ntcctctctc	cncnctntt	cnncnctcan	tctttctcnc	tctctntcnn	tctctntnct	960
ntcacentcc	tntctctct					979

&lt;210&gt; 4774

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(741)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4774

nntaaatcan	ctcttgnctt	tttgcaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgnetgtca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtngetg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgt	gttnaanang	tctcacgtgg	ctgentgtcn	240
tggtctcatg	ctgtnttccc	aacattctnn	nagggccacn	cngtagaacn	gctngagncc	300
angagtncag	aatcagcctg	cgcaacatnn	caatactccn	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggctcctga	agctagaacc	angtttggat	acaagattga	420
agateccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nntntngent	natacnggaa	ngncngctta	attngcnnnn	540
nttcagteca	aatnnnatac	tntngggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	atcccatgg	cacctntatn	660
naaatccaga	gttcttcgca	gncttttngc	tnttttatatg	tgtnccaaat	nttaaaccnt	720
nataattatt	gggcntctga	n				741

&lt;210&gt; 4775

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4775

aatcngctgc	ttgctactcg	tgcnatccc	tcgattcgaa	ttcggcacga	gactttatga	60
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gaagaatctt	actgaaaatc	aagaagctct	tgcaaaagaa	atgcgagcag	atgcagatgc	120
ctatagacga	aaagtggatc	ttgaagaaca	catgtttcat	aagctgatag	aagcaggtga	180
aaccagagc	cagaaaactc	agaagtggaa	ggaagctgaa	ggaaaagagt	tcggtttgag	240
atcagcaaag	aaagcttctg	ctctttcaga	tgctgtctaga	aagtgggttt	ttaaagcaaga	300
gataaatgcg	gctgtagaac	atgctgaaaa	tccatgtcat	aaagaagaac	ccaggttcca	360
aaatgaacag	gactcaagct	gtttgcctag	aacctcacia	ttaaatgact	cttctgaaat	420
ggatccctca	acacagattt	ctttaaatag	aagagcagta	gaatgggaca	ccacggggaca	480
gaatcttatt	aagaaagtga	gaaatcttcg	ccagagactc	actgcccggg	ctcgtcacag	540
atgtcaaacc	cctcatcttt	tggctgcata	gaatgcatgt	caccttgaga	cggctcganag	600
agagacctat	tttgcaatca	gtgacattga	tttttagatt	atttatttaa	aattcctatn	660
aagatcagcc	ctttgtacag	aaaaatgtgt	ctataaaaaat	tatgtgttat	t	711

&lt;210&gt; 4776

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (858)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4776

tccccatttt	gaatnnancn	agctacttgt	tctttttgca	ggatcccatc	tattngggng	60
nannctttnt	tgnaatncn	ggtacgnnnc	tatgnatcan	gactgnactt	nggtanctnn	120
cttgggccnt	acagnngnaa	ngaangatgg	gctgggtggat	tggcccacct	gggagcaaca	180
tggggcangg	ggagccctca	ccctnagcca	nccagacgag	tgggatttnc	cccagnacan	240
nataccccct	tcacaaaang	accactnaag	tgcttcatta	agcaagtcct	ggatcctgtg	300
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gtattggctt	tgaangaaat	tcccannnat	antgcannta	tnccntnncat	aagatgggtgc	540
ctanacttgn	ttataagngn	ataacantna	ngtctacacc	naacnttcan	ccntaaaaaa	600
attnccttan	cnaaaanncc	tcaatntttt	aaagggtcna	ctgcttncnc	tttacaagga	660
atctnantgn	tggnttaacn	anacnttctt	tgtaaanatt	ganntaaacn	gggntnttng	720
tatntatann	tectnctnta	acnantcctn	tgatnaaang	ggnttctatn	taatcggtgn	780
ttctgcacn	taaccttctc	naanaaanng	tattctctnc	taatntcanc	cncntttnta	840
ancnnngtca	anacgcgg					858

&lt;210&gt; 4777

&lt;211&gt; 999

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (999)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4777

ccnccnccnn	nnnnnnnnnn	cnnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	annnnnnnnnn	nnnnnnnnann	nnnnnnnnnn	nnnacnnnnn	cannnnnnnnn	120
annnnnnncn	nagnnnnncn	cncgnnnnnn	nnannannng	gnacnccnnn	tanannnnnn	180
nnnccnnnnn	nnngnnnctg	ncnnnccttt	tcnaaaagct	ggtcctcngc	nactnnnncag	240
gcagcccncn	gattcagaat	tcggcacgta	ggccaagtat	gcagtgtnaa	cggctggnag	300
nntcgagaac	cngagtgtgn	gctctccntg	nngaccnaga	ncgangcgag	agctccaagn	360

anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagng	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccnagac	ntcacgccn	atnagggctc	atncaaacng	600
agcaccgcgt	ttcnnttgcc	cacaaaatng	aattgantca	agncacgccn	gacangtgcn	660
nanagecnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccannt	cccncttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnngaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacnctnt	ggaatannta	ggngaaactg	tggttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnnccn			999

&lt;210&gt; 4778

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4778

ggtgnagtnn	atgtctaatt	ctntgnnngc	gnttgctntc	gatgcaggat	cccatccggn	60
gaagaagctg	cagaagaaat	gaagaaagt	atgatgattt	anattttgat	attgatttag	120
aagacacagg	aggagaccat	caaatgaatt	aatatcactg	tattaaaagt	ctgccgggca	180
cagtggctca	cgctgtaat	cccaacactt	tgngaggcca	aggaggggtg	atcnctgng	240
gtcangantt	cttnaccngc	ctggccaaca	tgccggaacc	ccatcttcac	taatagtaca	300
aaaaattagc	tgggccgtgg	tggtctatgc	ctgtaatccc	agctactcaa	gaggcttgan	360
gcaggaggat	tgcttnaacc	ctgnaggcgg	agattgaagt	gagctgagtt	cgtgccatta	420
cactccacct	gggtgacana	gtgagactct	gtctcaaaaa	aaatanaata	aaaagtcnat	480
ttacaatgtg	aaattctgac	accttttggc	tttgagtatt	ttcccaaaga	tattttgaat	540
ccttantgaa	ggaaattnan	aaaaaancta	tggaaaaaat	tggaacnaat	ttcattnctt	600
gaacaatntt	aaaattgggg	tattattttac	ctttaacant	ccaacntaaa	ccangaattt	660
cagnaattgg	ntgggnnttg	attaannaaa	cntaacctca	tgtnnaaaaa	ttaaaaattc	720
ncattanttn	ccttggcctc	naanaaaant	nttnacncan	ataaaactcn	ngcccagncc	780
tttctnnngc	cttttn					796

&lt;210&gt; 4779

&lt;211&gt; 712

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(712)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4779

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agctttttgtt	cccttttagtg	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttctgtgt	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaattgagtg	agctaactca	240
cattaattgc	gttgngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncacgc	gcggngagag	gcggtttgcg	tattggggcg	tnntccgctt	360
tctcgctcac	tgactcantg	cnctcggtcg	ttcggctgng	gcgagcggtg	tcaactnact	420



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caaagggcgt aatacgggta ttcacagaat nagggggata acgcaggaaa gnacatgtna      480
ncaaaaggcc ngcaaaaggc cagnaaccct gaaaaaggcc cncgttgctg gcgccatnna      540
catangett cagcccttga cagcatnaca aaantcgacc ttaagtcnga ngtggcgaaa      600
cccgncagga ctattnanat ccagcgtttc ccctggaact tcctagggcg tttctgtnc      660
acctgcgtta ccgatcctgt ccgcttttnc ttnggaaant nngttntat at              712

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<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4780

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cacaagctac ttgttctttt tgcaggatcc catcgattcg aattcgcggc cgcgggcgcca      60
atgcattggg cccggtaccc agcttttggt cccttttagtg agggttaatt gcgcgcttgg      120
cgtaatcatg gtcatactgt ttttctgtgt gaaattgtta tccgctcaca attccacaca      180
acatacgagc cgggagcata aagtgtnaag cctgggggtgc ctaatgagtg agctaactca      240
cattaattgc gttgngctca ctgncgcgtt tccagtcggg aaacctgtcg tgccagctgc      300
attaatgaat cggncaacgc gcgngagag gcggtttgct tattgggcgc tnttccgctt      360
tctcgctcac tgactcantg cnctcggtcg ttcggtgng gcgagcggt tcaactnact      420
caaagggcgt aatacgggta ttcacagaat nagggggata acgcaggaaa gnacatgtna      480
ncaaaaggcc ngcaaaaggc cagnaaccct gaaaaaggcc cncgttgctg gcgccatnna      540
catangett cagcccttga cagcatnaca aaantcgacc ttaagtcnga ngtggcgaaa      600
cccgncagga ctattnanat ccagcgtttc ccctggaact tcctagggcg tttctgtnc      660
acctgcgtta ccgatcctgt ccgcttttnc ttnggaaant nngttntat at              712

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<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

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atccagctct tgtctttgca ggatccctcg attcgtgtgc ctaagggag ggaatcagaa      60
ggtggagaga cttgaagttg cactcaagga ggccaaagaa agagtttcag attttgaaaa      120
gaaaacaagt aatcgttctg agattgaaac ccagacagag gggagcacag agaaagagaa      180
tgatgaagag aaaggcccg agactgttgg aagcgaagt gaagcactga acctccaggt      240
gacatctctg tttaaggagc ttcaagaggc tcatacaaaa ctgagcgaag ctgagctaat      300
gaagaagaga cttcaagaaa agtgtcaggc ccttgaaagg aaaaattctg caattccatc      360
agagttgaat gaaaagcaag agcttgttta tactaacaaa aagtttagag tacaagtgga      420
aagcatgcta tcagaaatca aaatggaaca ggctaaaaca gaggatgaaa agtccaaatt      480
aactgtgcta cagatgacac acaacaagct tcttcaagaa cataataatg cattgaaaac      540
aattgaggaa ctaacaagaa aagagtcaga aaaagtggac agggcagtg tgaaggaact      600
gagtgaaaaa ctggaactgg cagagaaggc tctggcttcc aaacagctgc aaatggatga      660
aatgaagcaa accattgcca agcaggaaga ggccctggaaa ccatgaccat              710

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<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(705)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4782

tntaggctc	ttgttctttt	gcaggatccc	tcgattcggt	tggtcagttg	caccttctgg	60
gtcactggta	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaacccaa	gatcatcggc	180
ttgactaggc	cctttgcctt	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtcctagg	gctgccagat	caacgcacag	gggaactcga	agtcttccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

&lt;210&gt; 4783

&lt;211&gt; 733

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4783

tttgaatctg	tctctctttt	aaacntnngg	ctncttgatg	tttntgcgga	tcctctgatt	60
gcgaatnntg	cacgagatgg	tgtttncctt	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanagggtgt	tttcgtctat	ttttccagaa	ngccnaagca	gaggaagaag	240
gttattttga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttcccat	tctgggtgtg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaaatga	480
tggacactgt	ataattttgt	taagactgct	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctatttcn	tgacactttt	atgggtgctg	cactttatct	ttgngntnng	600
tttttgatgg	ggagggaaa	agnactgaaa	tgttttcgna	aattttnttt	tanngtgccc	660
gcttaggnnt	ncttggtnnt	gactctggtg	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

&lt;210&gt; 4784

&lt;211&gt; 709

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(709)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4784

tnaattcagc	tcttgttctt	tatgccgac	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	120
tggaagtaaa	gcccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	180

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agagagtgtgta aaataaccaa tctgaataaaa acagccatgc tcccaggtgc atgattcgca 240
ggtcagctat ttccaggtga agtgcttatg gcttaaggaa ctcttggcca ttcaaaggac 300
ttttcatttt gattaacagg actagcttat catgagagcc ctcaggggaa aggggtttaag 360
aaaaacaact cctctttccc atagtcagag ttgaatttgt caggcacgcc tgaaatgtgc 420
tcatagccaa aacattttac tctctcctcc tagaatgctg cccttgacat tccccattgc 480
tgtatgttat ttcttgctct gttatctttt gccctcttag aatgtccctc tcttgggact 540
tgcttagatg atgggatatg aatattatta gacagtaatt ttgctttcca tccagtatgc 600
tagttcttat tcgagaacta tggtcagagc gtatttggat atgagtatcc tttgcttatc 660
tttgtagtac tgaaaatttg cccgaagtaa ctggctgtgc agaattgtat 709

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&lt;210&gt; 4785

&lt;211&gt; 831

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (831)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4785

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gnnngntgnc cggncnttta tacaatacag gctacttggt ctttttgcag ggatcccatc 60
gattcgctga cctcctcctc agagaaagca ctggccaacc agttcctggc ccctggccgt 120
gtgccaaacca cagccagaga gcgagtgcc gccacacaga cggtgcatnt gcantcacnn 180
gcgcggtaca ccagcgagat gcgagtggag ctactangca cggactctgc aatgtgagtc 240
accatgaaca caacatgact tgagggccaa ctgactaang acaagacatg tattcttgc 300
gccccagggc cttcatgcca tggactccnt gcnntgantn naacangagc atcaccaaac 360
tacnctgna nnaataccan gactnatgat aatggncctg anangaanca aagctctgna 420
cantggctna tacnttgtna tttncgtagc tgaagcatgn ggntcacctn nnntcangan 480
tttgnggacc aacntnncna actntnactn taacncatgn cttttctaaa nnttnaaant 540
tttaatnncg nntncaacnt tcncaatntc tggnnntccc nanntgctnn gnnaggnaat 600
ctnnctntga ntaaaantnt ttnanacnca anaaagntgn agggtttcaa nntaagcttn 660
aananttant ncaaattnat acttnttttn gngntnnnta ntagnnnnnn tnanaacnnn 720
tntntttctt antnatatta tnatagnta atataanntt atantnatan ncnatnnann 780
naacgtctan anntttttat ntcnntaaan atttcttttn naaggntntc n 831

```

&lt;210&gt; 4786

&lt;211&gt; 793

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (793)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4786

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tttnnnngnt ttannncatt ttgctactng ttctttttgc aggatcccat cgattcggaa 60
ttatagtatt gacgtgaatc ccactgtggg atagattcca taatatgctt gaatattatg 120
atatagccat ttaataacat tgatttcatt ctgtttaatg aatttggaaa tatgcactga 180
aagaaatgta aaacatttag aatagctcgt gttatggaaa aaagtgcact gaatttatta 240
nacaaactta cgaatgctta acttntttac acagcatagg tgaaatcata tttgggctat 300
tgtatactat gaacaatttg taaatgtctt aatttgatgt aaataactct gaaacaagag 360
aaaaggtttt taacttanag tagccctaaa atatggatgt gcttatataa tcgcttagtt 420
ttggaactgt atctgagtaa cagaggacag ctgtttttta accctcttct gcaagtttgt 480
tgacctacat gggctaatat ggatactaaa aatactacat tgatctaaga agaaactagc 540

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cttgtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacattttga	600
ggcatgaata	taaaacat	ttatttcagt	aacttttccc	cctgtgtaaa	gttactatgg	660
tttgggggta	caacttcatt	ctatagaata	ttaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naagggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

&lt;210&gt; 4787

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4787

naatngcnag	gctcntgctc	tntgngcagg	ancccatcga	tncgaattcg	gcacggaggt	60
tatgagtgg	catngtgaaa	atttggnatga	atacagcaan	gtagcaagaa	aatnncngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnngncata	tgacatccaa	atgttntatn	180
atnacctgg	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nntntcacag	gntttattca	tgtgacacta	tatantgcct	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagngca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tngatcattc	420
tananngcac	tnatgnan	anccccatan	angccggaca	gacgggtanac	atacnnann	480
angcnccaga	tncttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540
tntgtgttnn	nctnanacan	gcngattnac	nctgntctag	ncatcttgnc	tnnatcgnga	600
aataatgggt	cctgcctcca	tnataatgtt	taggagngaa	atgnaannan	ttcgcggtggg	660
cntgctngag	tgcnaaaggc	ctttacnngt	tgngancnaa	ntngggnagc	nagttntcnc	720
cnnatngtac	gctccccctna	ncaatntccg				750

&lt;210&gt; 4788

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4788

tgnnnntttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattecgcgca	60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tgttgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaaacg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgcagaatat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattg	aagagacgca	gactttcctc	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcagtgaaa	aaaatgcttt	540
atttgtgaaa	tttgtgatgc	tattgcttta	tttgaacca	ttataagctg	caataaacaa	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgac	ccacttttgg	tcctntt	716

&lt;210&gt; 4789

<211> 792  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(792)  
<223> n = A,T,C or G

<400> 4789  
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gatctcatca tatattatca aaagcacatc agtgccgaag aatcggtcat ctaatgttaa 180  
aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg 240  
atttgttcct tcctgataaa acagctagtg gtttgaataa gtctcagatc ctggaaatga 300  
accaaaaaaa gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg 360  
aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtg acccacaac 420  
caaactctgtt gggttctaaa tggtttataa aaatattaaa gaggcatttc tcatctgtat 480  
caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat 540  
ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa 600  
tgcactgcac agcatttgca acggcagatg agtatcatct gggaaatctg tctcaagatc 660  
tggccttcca cggatatgtt gaagtaacaa gcttgccatg agatgcagca aatattttgg 720  
tgatgggtgt ggaaaattct gcaaaagaag gtgatcctgg aacaatattc ttcttcaggg 780  
aaggagctgc tg 792

<210> 4790  
<211> 829  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(829)  
<223> n = A,T,C or G

<400> 4790  
ggtggnggggn ngntanttcta atgctgggnet ctengtctnn nncanganca cncnncggga 60  
atnctcanna ncnacacttc nagncccttn tgngagttct gatcanggna ttacactctt 120  
ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa 180  
gctggagaaa aagaaacagc tttcatacag tgcaaactgt ctacgtctat gtaaaagaat 240  
ttgagaaaca tggcagtagc cattgctaatt taatctgggt atgtgtaaat agtttaactt 300  
gatttttgac tctgnggttc ggatctatct taagatcgat ggagttaatt gcttcatgac 360  
agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc 420  
naaangaatt nactctgcna aatactgnaa tgacnnntcn ngtgngacnt gttaggcgna 480  
acgatanatt tgngagntnt nttecttttg tatngatttg gnnttangat gcanganncn 540  
nattttcanc cnagngtggn catnaancet gacganaccn ctantntttt ttaanncctg 600  
tattaancac ctagantgcc ccgngngccn aaataactna ngncacacnt cntntaaaga 660  
acttctgnna aanntagttt agnccntccn ggccnntaaa ntggggngat gnannaaaag 720  
nengaaaacc nntgtancca cccntantg gngcnnctnn nnctattnnn tcnnnccgnt 780  
nnctccntac atatcttnc ctnaaatnct ttgggcntca acnaatccg 829

<210> 4791  
<211> 747  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(747)  
<223> n = A,T,C or G

<400> 4791  
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ggcacgagct cagtaaccca attactagtn ccttttgaag agaccaggct gggaattggt 120  
agtaataata atagctgaca ttaccaggg gctaccaca tgccaagcat catgctaata 180  
ttgccaggctc cttctgagtc antgtgaatg gcangagcac cacatgttcc tttntcttca 240  
gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300  
tngtataaaaa aaaattttgt tactgggaaa atagccatta ctgggaaaata gctttgttac 360  
agaaagtcct tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga 420  
ggccaagggtg ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtggtg 480  
aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg 540  
atcccatcta ctggggangc tgaggaggga gaattgcttg aaccgggan gcngacgttg 600  
tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660  
aaaaaaaaa aaaaggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720  
tgaattaaaa caanatnna aaaaact 747

<210> 4792  
<211> 860  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(860)  
<223> n = A,T,C or G

<400> 4792  
ctncttntnt tntnnnat ttnantntt tanatnantn tntttanttt ggtgtngntc 60  
ntntttctan cctacacnct ctttctctat ctanancncg gggnttnnca aaaatntggc 120  
tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncaggggggt 180  
ctncacccaaa gttccaacct ccaaagtga ngactccgtg gaacagcaag ggnaggtgaa 240  
gaantaataa aagagaaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaag 300  
aactaaagtt agaaaaccac caggaaaact caaggaatca naancctaan aagcgcaaaa 360  
agggacagga ngctnacctt gaggtcgttg gggagggaagt ccctgangcc aatggctctg 420  
cagggaanag gagcnngaag aagaancatc tcaaggacag cgccagtgat tgaanangca 480  
cnctnnggcg canggaatag gaancngan gactnggaa tttgaaacac attctannaa 540  
gaaaaagatg aancctccaa nancatnctg anggccngga accanangac natgantgct 600  
tcttgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660  
gnccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720  
ccantttctta ccacaanntg acatnattga gccatnnacc atattccna atgatggaaa 780  
cttccctang tncattentt ttaacnaaga aaattcaatc cnannaacct cttaaccttt 840  
naannttatt tanaaggnnn 860

<210> 4793  
<211> 1222  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1222)  
<223> n = A,T,C or G

&lt;400&gt; 4793

gnnnttttttn	ccctnaaaaa	atggggccctt	ggggggttttt	cccttaaaaa	ttggncctttt	60
ggggggttttc	cnnaaaatnn	ncctttgggn	tntaannacc	gnngccgttt	tttcgngnna	120
naannngatn	ntctntnncn	nctnnnnnnn	annnancnnn	nnntncannt	ctatnncnnc	180
nnnnannann	tatcnnnnna	ctctnntcaa	ttcnnnnnnn	actnnnnntat	nnnnatnnan	240
cnnntggnn	annnnntnt	catctncncn	nantnncnct	atnnchnnat	ctnannctct	300
cntnnnnata	naactgncat	aanactnnnn	nncatagtcn	cttnacanct	tnttatancn	360
ctnatacacn	atctnttcta	antctantnn	atnatanaen	tccatcatna	ttnnntactt	420
ncanaccccn	ctnnccctac	nctnanncnt	cactcccnc	cnnatctntc	tctnctatnn	480
natcantntn	nnnccancca	ctnnnacnnn	ntactantct	accnnncttn	natctcnatn	540
natcatancc	atncttcncc	nccacnnttc	ncctnttaac	nnntntatnt	caatanaatn	600
nnetnancna	ttacntcnnc	tcnctctctc	atcttnttta	tctnctcatt	aannnnnnct	660
ccnncntcan	ntnnccntnt	nntactcnnc	natcccntaa	ntnctccnca	atcatactca	720
tctntctcat	anatactcan	atcctatacn	nactatcanc	tanntcttcn	antatatntt	780
tcatntttac	nateccctctc	tccntcannt	ntnaanacnn	cnaantacnc	ttanatctat	840
ntntanatac	antcnnntnn	ncncaatntc	anatnttcta	tcatnctcnt	aannatecctn	900
nnntntnnnta	taatectanc	nanccacann	nnctccnnta	tntnnnnaca	catntatacn	960
cnactnannt	tctcnnctct	natnacatan	cccacnctnt	ncatacante	ntcncatntc	1020
ntnnnttnta	ttnttcanct	antaacatan	tnanantcgt	actnnnnann	cancactncc	1080
ctctttatat	tcatcnatct	ntacatacca	tctannnnann	nacnnttcac	nnatnctntct	1140
ncttnaatta	canncacnct	cnntcatann	tcgnttatat	atcactctnt	ncnanatcca	1200
ctntntctnt	nttctcnc	cg				1222

&lt;210&gt; 4794

&lt;211&gt; 1068

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1068)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4794

ggngccttttn	aaaatacccn	gnttnnanac	gentngttac	acnncctagc	ttaaaagggg	60
gnnggaaccct	atggntgcat	tgactgtggc	aaggccttna	gcnagaagt	tttgccctgt	120
agcacatcag	ggtatatcat	acagggaaag	actnccttng	tatgtccnga	angngggcaa	180
ccctgntcac	agaagtcagg	actcattaga	catcangaaa	atncaactcag	gagagaaacc	240
ctatnaatgc	anngactgtg	ggaaagcctt	ncttncaaag	acaangetca	ntgtcannac	300
agaacnnaca	cgggagagag	accctatgnc	tgngatgagt	gtgagaaagc	tnncttctat	360
atgtcntgcc	nttgttaaac	atnagcagaa	tacactcann	ggaagaaacn	cnnggngatt	420
cannngaang	nggaaatntc	ctgaccacan	ncanggtncn	tntcnnnnag	ttcctaanta	480
gaacaatggn	gcnanngngg	tanaaaggcc	cctgntagna	natannntna	anaccttggt	540
nggcnnnnat	ggatnnggnc	nngtggggtn	aatactgatg	tgnatntctc	nggntnancg	600
accantatnt	tngcatntnt	tcctattggn	agnaatacct	actntntaat	ntcnnnatnt	660
nctgcgggan	ntannnttnt	ttagcatctn	ctatccataa	nnnncnaaat	ngatcatcat	720
atnntcnatg	nnctcatctn	gtctnacact	nttgggtngc	catctgctnn	agacatnnna	780
ctntaanctn	taaattnatc	gctnantann	acccanngtg	ntnaccagen	gtnacnncnn	840
gctnctcngt	nnngtatant	ntcacnatca	tantcantga	atntanngan	acngcatct	900
tntnannctg	cctcnnactc	tatcanaatn	aagtnnncng	aggnactcan	antnactntc	960
nnntnttctn	canaatgtat	catnnnctcn	nnanantatt	ttgantgcan	atcatngnan	1020
acntatgaan	ccnaatcatg	tntattncna	nngcnttact	tntnancg		1068

&lt;210&gt; 4795

&lt;211&gt; 816

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn gcttggggtt cnaaatccct tggttgacgc cctcgccctaa nntggcggtgn	60
nantgcccnc gattcgctgn caagtctgga antcatattg gagcctgngt ngactgaaaa	120
ctcagcanga gttgatgtta aagtcttggg tctgaaattn gtngggcagg agattaggct	180
ggaaactcag gcagaatttc tgtgttacaa tcttgaggca taattcttct ccaaaaaaat	240
ctccattttt ttctcttaaa gccttggatg agccttggat gattggatga ggactaccca	300
cattatctag ggtaatctcc tttgcttaaa gtaaaactcac tgtgttaatc acatcaacaa	360
aataccttca cagctacatg tagtgtttga ccaaacact aggcaccata gcctagccac	420
ataaaattac tatcattata ctttgtctta tcacatactt ctaccttga agggatattt	480
cccagttggt atagctacaa aacagaggca gatcatttag cctgcattng attngtantg	540
aaaaataagc ctttgggtng ttttaaccact gaaaatgttt gcggcctatt agtantngca	600
caacttatcc tatnctggcc aaacatagaa tgctttcggg ttgcaaggta acangatccc	660
ctttacagnt gtacnaaaaa tnancnntaa aaaaactnga gccctntaga acntnntagt	720
ggagtcggan ttaacgttng ancccagacc ntggattang gatncattgg atggagtttg	780
gacataccac cancttgga tggcnantga aaaaaa	816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaana cnnnnnnnaa nnnanaacaa cgggggcgnc ncnanttcaa anctggnaaa	60
cnnntccnnc acagncnacg aacgaaangg cacnagcnng cnaggaaacc gccnngcnc	120
agcaaccgaa ggccaggnaa ttttnaanat cggngnggga ggacagnngg ggncaatatg	180
ggcgggantn nncttcaaac angnaaacn tncnngngg cggggganac cncgncacc	240
atggannaan tcnacaana ccgnggggaa gacnggntat gcaggcnccg ccataaaancc	300
ccccctacta aggcnnccang gancaccaac agntggnggc cancaaaagc ntntaanaac	360
aanacctnac aanntcnnc ncnntttngc ntatcccacc acnggganac angncaacgg	420
tggacnctcn aacaannaaa atnngaaaaa caaatctccc caanaatngg gggngngaacc	480
annngnangn nancnnaac canaccgten tgnaacnngc nccaatacaa nggngnngn	540
gnngncanaa cangcnngn accngcacgn aaggnggngg gcnnngnatca cancaaacag	600
acaatatcca cggcgnaacc cnnncacn ntnaacggga ccngagtag acacangcac	660
gaangcccn cngnccac nccctgnaa ncgagaaaac naangccngg atacaaaaaa	720
ccccnaacca gccgngcntn ncccccaac nngannaaag naacanaccn cacannngcc	780
nnngacaaan cncnacaana nngggnaaac aaacnctatg gganatcccc ctanggnang	840
cngaccggn aaacgganna ncacaancta aacaancngt ncacgccaaa aaaaacngcc	900
caaggcccca tcacngaang gaaaacnca nacggnnann anagnccn taannaaann	960
ccnncnng nncaatcncc cattcgaaaa ncnncnctn ccgcnaannn ggaanacnnt	1020
caaaaccccc cgannncgac nntatncagn aacannaaan ntgggtgnac cnncccnnc	1080
ctaananate nncc	1094

<210> 4797

<211> 930



<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(930)  
<223> n = A,T,C or G

<400> 4797  
ttttgctaac cgctgggnta ctcgntctct nngcaggatc ccatcgattc gaattcgga 60  
cgaggtggag agcgcccagt ttccagagta tgatgacctc tactgcaagt actgctttgt 120  
gtacggccag gactgggccc ccacagcggg tctggaggag gggatctcac agatcacatc 180  
caagagccaa gatgtgcggc aagcactggg gtggaacttc cccattgatg tcaccttta 240  
aagcaccaac ccctacggct ggccacagat cgtgctcagc gtgtatggac cagatgtgtt 300  
cgggaacgat gtggttcgag gctatggggc cgtgcacgtg cccttctcac ctggccggca 360  
caaaaggacc atccccatgt ttgtccana atctacgtct aaactgcaga agtttacaag 420  
ctggttcatg gggcggnngc ccgagtacac agaccccaag gtggtggctc anggtgaagg 480  
cccgnaang gtgtgtttgn ggcccaaccn acnccaatag ctggngggca acacagaata 540  
gntnctgtat aataatagtc tcattttcan agaaanant tntatctcn ctcttnttc 600  
ctaatenca ntncttatta ntnntaccn tcnnnnncc nctcatttn cncntttca 660  
ttttatcntt atcttatnnn nntcnancct actnntatta ctctnnccn nnantctcta 720  
tnctacnac cttntaatac ctnttntc tanacttenc nctctntacc ntctctctca 780  
tnctntnct actctctccc tctctctcnc tccatattat tctctctnn nantctntct 840  
tnntntctnc tattancntn cctntctntn tctactatat catcatntnc tntcnancn 900  
anntntctat ctctacnta ctcanaaac 930

<210> 4798  
<211> 801  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(801)  
<223> n = A,T,C or G

<400> 4798  
aaaaagncag gcnacntgna gacanaagan cccanngaag aancncagga aaagcccacn 60  
ccgaaggggn anacggacga gccnaggcaa aggnccannaa gaacagngat ttacanacga 120  
tntgccnga ancnncnngg gngaaancag nggcnngggc accagnaaag aaacnagnnc 180  
gcccaggncn nngangnana cnanaaacgn aaganganga gnnagggggg aancangaca 240  
ggagaggcaa aannaaaagn nanananagn ggcnagncgg acngaagaaa naaacaaggg 300  
gngaagnaca ngaacnaaga aanagcaaag anaacnnaaa gngaacaann ccagcgccna 360  
gcannanccn aggangcaca naaaacagca ccaagaagac ngnannagca ngagagnnga 420  
agagangggc cncacgggga cacacnaggc aaacgcgana agcagnacng gncnaggngn 480  
cgcgagnan aagagacnca aggggangag agcanaaggg aacgggnngc aggaagaaga 540  
caangnaacn caggaacgaa aaagggannc agaaagccgg agaanaacac ggngaganag 600  
naccaaaggc naanaaggng acaangggca agagacanan accangnngg acnnaagang 660  
cnacannagg naaaacanna gangaaanag gggaacanga angnaaaagn gaaannnggg 720  
ggaaaaganc aaacnaaaca gaaaacgggn nnggaaaaan nacaannгаа naacangngg 780  
ncaannggaa nnaaagggga n 801

<210> 4799  
<211> 813  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(813)  
<223> n = A,T,C or G

<400> 4799  
gnnnttttna annncgttgg tttcnatgta ncatttaacna gntcttttttg caggatccca 60  
tcgatcgcag gtccacagcc gaggtcganc ancggcacag cgaggtcggc agcggcncag 120  
cgaggtcggc agttggcaca gcgaggtcgg cagcggcagc gaaggtcggc agcggcncan 180  
cgaggtcggc aancggcagc naaggtcggc agcggggccc cgctgtgctc ttccgcggac 240  
tctgaatcat ggcnaccac nggccacgat ggcgacctcg gctcggcgcg aaagcggctg 300  
ctcaaaanag gaagacatga ctaaaagtgg aattcgagac cagctaagaa gtggatgtga 360  
ccccacgtt cgacaccatg ggctgcggg aggacctgct gcnngcatct acgcttacgg 420  
ttttgaaaaa ccatcagcaa tccagcaacg agcaatcaag cagatcatca aanggagaga 480  
tgtcatcgca cagtctcagt ccggccagga aaaacagcca ccttcagtat ctcagtcctn 540  
cantgttttg gatattcaag ttcgtgaaac tcaagctttg atcttggctc cacaagaaan 600  
ttggctgtgc cagatncata aggggcttct tgcctntcgg tgactacatg aatgtccant 660  
gccatgcctg cattggangg acccaatttt tggccaagga catcanggaa cctgggttta 720  
cggacaacat gttttcncgg gcacttccaa ggccgtgttt ttganatnat ccttncaaaa 780  
aacctaang gacacctgct nttnaaaaat ttg 813

<210> 4800  
<211> 776  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(776)  
<223> n = A,T,C or G

<400> 4800  
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cacgaatncg gcacgaggtc actntgnaac ccagactggg agtgcancgg tgtggncata 120  
gggnnctgng cctgganng tntgntcgag ntgtnatcnc nantttgntt ttgggtctgt 180  
agcttaanna tgcngannna ngatgcnnnn anngtnttg tnaganatgg ggtntancna 240  
gtttnnncna ncngnnttca attncatggg ctcaantgaa ccnctgcnnn ggnetnctna 300  
ntatnnggga ctncagaca tngngnanna gtncgtgtgg canatctcaa tattanaggt 360  
aatatgnnat agtgatatch atgacngtac catttgnttc aaaatgtgaa aganataccg 420  
ctgaagttn tatgtntcnc cttccaantc nagccgccat ntcnntcnac tcngcnanta 480  
tgtcgactca naatgaatga tngacatttn ngntantnnc gcatectatc nagtgctatt 540  
atnnctanan atntcnataa tttnctngnc cctnnancct acanncntng tcgnatgnt 600  
atccncttn ntggancttt gaaannttcg atagggggaa cntgatnagn gcagtntnac 660  
anaatgnttg cnantntna ntcggaaana tcnaattngg gnagctgnta aacancnngg 720  
gntaccttt ntaatgtncn ngggtntnta antcaaccng gntncngaaa aanaac 776

<210> 4801  
<211> 720  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(720)  
<223> n = A,T,C or G

```

<400> 4801
tnnnnnntttt naantcaatn ctggctctcg ttctttntgc aggatccctc gattcgaatt      60
cggcacgaga tggcagttgc ttttgaagta tatgatgact tcctccacta caaaaagggg      120
atctaccacc aacttggtct aagagacctt ttcaacccct ttgagctgac taatcatgct      180
gttctgcttg tgggctatgg cactgactca gcctctggga tggattactg gattgttaaa      240
aacagctggg gcaccggctg gggtgagaat ggctacttcc ggatccgcag aggaactgat      300
gagtgtgcaa ttgagagcat agcagtggca gccacaccaa ttcctaaatt gtagggtagt      360
ccttcagata tttcataatg atctgcatca gttgtaaagg ggaattggta tattcacaga      420
ctgtagactt tcagcagcaa tctcagaagc ttacaaatag atttccatga agatatttgt      480
cttcagaatt aaaactgccc ttaattttta tatacctttc aatcggccac tggccatttt      540
tttctaagta ttcaattaag tgggaatttt ctggaagatg gtcagctatg aagtaataga      600
gtttgcttaa tcatttgtaa ttcaaactg ctatatTTTT taaaatcaat gtgaaaacat      660
agacttattt ttaaaattgt ccaatcacia gaaaataatg gcaataatta tcaaaaacttt      720

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<210> 4802
<211> 1117
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1117)
<223> n = A,T,C or G

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<400> 4802
atnnnnnnnn nancncatnt nctantcctn acnanttannn ttncnctnn nntnntnctn      60
ananttggna tntagnngna ttcnaatncc cagctntngn nctntttgca ggatcccatc      120
gattcgaaatn nggcacgagg aggaattcag ctatcagctc tcttcatgag tggagtagac      180
atggccttgt ttgcaaatga ngnntgcnga caaaccaatc ccttggaac actgttgtcc      240
ttggatgtat tttgatggga agctcttcca atccaaactc ctcaaagcca gccgggaaaa      300
gaccccatc attgacctct gtgatggta agctgatcag gctgccaagg tagagaagat      360
gcnccatanc gtcctcnaaa gggctcagct tctncaggca nagccacann cttncctttt      420
ccgncgtcac ctgcnctgct cttttacccc tgtctntggn taccceentn nactttttan      480
nccnnntncc aacccctntt aatggcncnn ngncantaat gctnttttnc ttnctnttct      540
nttngnncct nntctcctan gncceccctc attatngcgn naaanncaen gactatnttn      600
ntctnatggg cntcccttta accnccnctg nncacactnc tcnntentan tntnnatntn      660
tctncnatnn tanncnctc aatatcten ccatacnnnt atctatcctc nngtncctnt      720
ctnnctnant tnnnatcana ttttctattt nncnactcat ntctctacna tcntantnta      780
tnnntatcaa tctcananta nactantatn tcantntnct acannatata atatnctctt      840
ttnatntntn tnnnatcat ntanatnct tntctnnat anctacatct ctctntctnn      900
ncatntcatn tagatacann tanatntagn taattatann nctntttctt anttncnnnn      960
nttncntnt catnctctn nnnctgannn ctctccnntc attcnattca tacttcnnat      1020
tgatnatnca ntannccatc ataantncac ntccctcata nctntttctn caanntatnn      1080
anattctcna tatttcttta tctatananc nttgcn      1117

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```

<210> 4803
<211> 781
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

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<400> 4803

```

```

ttcaaatngn aggcctctngt tcttttttgca ggatcccatc gattcgggnag antcccatnt      60
ctnncctgctg acgaggggacc tgcttttgggtg agtnccgggaa ggcccaggga gtngngggcat      120
gcnggctnct nattcactat ggggnttcgc cntggacacg tantcaantg cgcattgctgc      180
tgcccatgtn tncctgcccc acttcaccca ntggggggct gctcaagggt ngnnnggcnt      240
cngtggtggtg aggcagatg ttanacaagg ctctgtacat gacacncaac tgtgctnana      300
gtnccttcnc tcngactaca ccnatgnttt nacagtncce tntggnnnnn tcntnttact      360
acagtgcnan aaccnaatg ancttttntt tctgctnna tgcnnnnnn antnnnnngac      420
ntntgtttaa tgttaacnaa gtgtgtacac tttaaancca catattgtat ggtntcctgt      480
annatnangt gccngaacat gnacatttcg atanccanag attagattan nggtnttcat      540
anggcctgggg gaannggcat ancttagtga ttggtaatga tntgggattt nttttgggaa      600
tgaatgaaaa tattctaaaa ttngttgggn ntttatecna attctacgaa atattnttaa      660
aaaaccacn tgaatttgnc tactttaagn agagtgaat ttatgtcct tgttcctcna      720
attaagcttg ngnaaaaaga tcgtaaaanc nngatnnnaa ntttctntna nntngnnctn      780
t                                                                                   781

```

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4804

```

aagctcttgt tcttttttgca ggatcccatc gattcgaatt cggcacgaga aggcctgagac      60
anganaatgn cntnaatngn ngaggcagag cttgcagtcn nttcgagatc acnccactgn      120
actncaaccn gngagacana ntnggactcc ntctnatacn atgngaacc taaaatatgg      180
gntttntgca cattccagat ctcaanancn tgattctaan tgaaagatgg caatatncca      240
tcagaccagg tnttntctag ntccntntta cgaaatgtcc acaaatggca ggatcttcag      300
antcctagtn actgctantg ntncnaggaa tntttntnng gngactanna tgtntctaaan      360
ctnantggag gtgatggtnn aacnantngg tcaactncact aagaatcatt nnatngnnac      420
tctatntggg canatantat ngcnaatgta ccttaatan atcatgcttn aangtcaatt      480
aatccactca tgaanttnan cctctananc tnnagtgan ngtattacgn ncatnccnac      540
ttgntnagat ccttggatga ntatcggact aaccntnat cttatgcagn ntacaaaaat      600
gccttttnna gggnaaatnt gcgatgctat ntgcnttatc cntaaccatt tgtacnntcc      660
catttaacag ggttaccnnc catccaattg gcaatngatt ttatggnttc ntggtttnen      720
ggggttngat ttnggaangt ttnnttantt tcc                                                                                   753

```

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4805

```

agggnnnnt ttnagatac agctacttgt tcttttttgca ggatcccatc gattcgaatt      60
cggcacgagg tttgatcatn ggncaaggtn ctggngagaa ctgcctntgn ggntagctga      120
ttngggggtc cttcatatga acganctggn tggagcactc acaggactca cccgggtacn      180
aagattccaa cangatgatg ctnacatatt ctgtgccatg gancagattg aagatgaaat      240
aaaagggtgn tnggattttn tacntacggn tatagcgtat tnggatnttc ttttaaacta      300

```

```

aacctttnta ctcncccgga aaaattcctt ggagatatng aagnatggga tcaagctgag      360
aaacaacttg aaaacagtct gaatgaattn ggtgaaaagt ggganttaaa ctctggagat      420
gganctttct atggcccaaa gattgacata canattaaag atgcaattgg gcggnaccac      480
cagtgtgcaa ccatccagct ggatttccag tngccatta natttaatct tacttatgta      540
agccatgatg gtgatgatna gaaaaggcca gtgattgttc attgagccat ctggggatca      600
gtggnaagaa tgattgctat gctnacanga aaactattgg nggcaaattg gccttttngc      660
tgcccccttg ncaggtaatg gtagttccag tnggacccaa ctgtgatgaa tttcccaaaa      720
ngacnacacc attncacgat

```

```

<210> 4806
<211> 824
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (824)
<223> n = A,T,C or G

```

```

<400> 4806
gncnctttca acttcgcccc ttttnaaacc cgttgttcaa atcctcgttt caancccntc      60
tgcaggatcc catcgattcg aanncgcacg agggggnnnn ncgtggcnaa ttgcgngcag      120
tacccttcna gcncngngna aagtgcagnc anncgtaaca catgcggcan acngcannga      180
gcanaatgnt aatgnccact tcttgantca tnccagaact cccttaagcc cacaagtttg      240
tnnngngnna ggtcaantct aggaacncng ccgngnaacn ggtntctcaa tnnagncatc      300
cttanttntc gcatanacan gagngttctt aaaacnnctc cngtaaagca agncatntct      360
ganntncttg aggatcattg ctcccgnata cngntgntgg ggtgagcctt cagggnagang      420
ggaacagaat nngtactag ggtcganagt caananacta aggcncctna ncaacatctc      480
agagcanann attgngggag cccntggaac gntactgggn aatttantca gtgngcattt      540
ntnaagactg ggnccagggg tggantnadc tnttggcgan gggnncntag ngcctcanca      600
caacactgng cnagcccngg acttagnaaa cccctgcana aactggnnna annngcctnt      660
taaaantncc ccanangtnn accccnnaag aagcncggna agcccccnaaa ctnccaaacc      720
aaccnctntc tttcctcnnc naantnnaca ncntgggggt ntgcnttggg nnnaaatngn      780
nccnanaant gcaccagntc ncnntagtc nnggggnacg gnnc

```

```

<210> 4807
<211> 745
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

```

```

<400> 4807
tntagataca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgagattc      60
ctttcatggt acagtattta cccaagtca tgattaaata tctgtttata tatttcttta      120
ttggattatt tgtttatttt tctctctcta gactgcaagc tccttgagca gaccatgttt      180
attttgtcta ccacaggtgc tcaataaata tttttgacta tttattacat gagaagggtt      240
ccatgcaaac acccattgaa tacgattgaa cttgaaccct aagagatggg ctgtgacctt      300
tgttgccctc aaactaatca aaggggagtg atattcacca tccagaatct agaataactt      360
anaccttggt ggccaggagc tagctaccca tatgataata caagagctct cagagaaatc      420
atggaagttt tgagcaatct ctctctccct ttgctaattt acttttcaaa actgaagtat      480
aatgggaata acttcccac ctctcaaagc tcagcatgct ctgaaatttc atgttctctc      540
aggcgagccg attcatgttt tccattccac cctcttctac tgggctctct atgccctttc      600

```

tacagtctcg	nttntttttac	cctggggccct	tttncccttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagcttttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 4808						
tnnnncttna	aatnganagc	tacttggttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtgc	ttcaggctgg	ctctggtcaa	240
caacaacaac	cacgccgagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggcca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcatcatca	ttagcacccc	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgtctgcgag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tgttcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgtccttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcatagtaat	agtaacttta	taaaataata	tta	713

<210> 4809  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 4809						
gnnggnnnnn	nnnttgcnaa	tgctaggcta	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctggttt	catcatgttg	gaattcgatc	acaccatttt	caaaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttgttt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gttttaaaat	gtcttaata	420
aggctttgtt	tgcatgtgtt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagtcttg	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctattttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttattnng	gagatttggg	agattcttaa	ataatatatt	660
ttaaaaaact	tccatgccaa	cnttcttggg	ttaaattggt	tggcaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtnc	tcaaatttaa	aatct		765

<210> 4810  
 <211> 800  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 4810

aananggccn	ggcnnennng	nnnngecnc	gnaagccctt	tgnangnaac	ccctctggga	60
angccccc	cgccggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacgngc	cnttttcgan	caggngacgc	acnacncngg	cnggggganc	cccangccgg	180
gcagnnccgc	cgggggcccgc	gccacgaaga	acgcggggccn	ggcgccnccg	accnnggccg	240
cagataccan	caacgggcag	ggggcggnct	nnngggccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgc	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgc	cggagccgng	ggacangggg	ngagaaccac	420
agnncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnnccgacn	480
cgngcaaaac	ngcnggccna	ccggnccca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnngg	ngcangaggg	ntgagnnggc	caacangngg	cnaacaaang	nnccacnacg	600
cccngngnga	nggcagnngc	agcgngggag	aaggaggacc	ncaaaggcga	cggngcaggg	660
acgcacnngg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggagggn	720
nnngaagggg	ggcccggngg	ccngggcccc	nngnaccnnc	aaggcccnnc	nggggggggca	780
aananngcc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttgtggaaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctgggtatg	aagatgtctt	accaggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggt	ttcagacaag	acgagtcctc	240
tagcgctttg	tggtcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgatatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgagtcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcataccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttcnngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnnaacctg	anttagaaag	gctcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaagtttc	240
aggntntcaat	gtntactcan	gatggaatga	tnnangcatc	tggtcacgcn	tgaagggctc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannncnag	catgnntgtn	ctntgcttca	360
aagnctgana	anctcttcat	ntcnatttgn	ntnacacnct	gcntgacctn	gccctctnat	420
acnacntggt	tctaaccogn	acntnttccn	tctatntnt	tnctctngcn	aangnncata	480
tgngccnagn	cngcncgngc	ctcacatctc	gtgctcntgg	cnncttntgc	tgcttgaaac	540
tcccttgntc	tacgtntgtc	tcntngggta	ngccctntcn	ctntttcnag	acttggnctn	600
aangtgtaga	acatntantg	tnnangcctt	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttntctntta	antacttnnn	attcaattng	ctccttcata	cattcntgnt	720
aaattgttcc	ctantctggn	nagcaattan	atngcattnt	tantagttnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtg	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnctana	atcnactttn	tggnnatact	tcgggtcntat	anctaganga	60
naaggggnat	cccccantcn	gnatctcggn	acntnntang	ctaatacatna	gctatnnnat	120
tnnttaacna	tgnattctac	tannnnntcat	ntataataac	nncctaaatn	antennaata	180
nnaagnntnc	tnnggganag	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tnatntnna	tnntantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatannanan	acnacnnnt	tnntntntt	tctntaaatc	360
aannnnntc	ntatattact	tnncnnattn	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	natattcnnt	atttnnanna	taatcnctaa	tcnaatanna	tnataacnnn	480
cctatcatat	aataagnaag	acnantcctn	nnnnncnnnc	tanctatctt	nnttcnnnt	540
natanntttt	ntgatnnnnc	atcantntna	atacctntat	actnatatnt	tatcatntnn	600
annntnannn	caantatatt	natnanaacn	aaactactcn	actntntcna	nttaancaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatctntnac	tnntancca	720
nannnnattg	nncanatan	tatcantact	acatataant	ctacnntnac	tnntaactna	780
naannnnact	atnactcgat	tnctatnca	cttatnnan	nactactacn	cataacanca	840
gtntntcgn	tacntatanc	gagtnatctn	nttttaaant	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgnatatnaa	tacatanant	atncaaactc	1020
ntnntcaca	ncgttataaa	ataacctntat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgnatnac	actatntaat	1140
actatanang	ctanatcgtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc	1200
ntnttatcgn	tctcatncca	tnntaccnan	catanatata	cccatattat	antantntgt	1260
nannctntat	atatntatat	natactnann	ttngnnatnt	catatntnan	tctncagat	1320
nntacanntn	tnatantatn	aatgcctata	ntacatncc			1359

<210> 4814

<211> 858

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4814

cttgaattcc	cctaataaaa	ccgtttggna	agcccnatnn	ctntaggnnn	ncnntgcgnt	60
nacgatnecn	cacgagggnn	ccactgacca	cnantatgtc	gnacnttttna	caanggcctg	120
aactaacntn	aanaatnnca	aancatcnna	acgganccgc	cctgcctnaa	cngacgacgn	180
ntcccnttga	gnnatagccn	ngcccnact	taactgagtn	attaaccntg	tatnntntnc	240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgctcnccn	300
nagancnncc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc	360
tcccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccangc	420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg	480
attganatgt	tnnagctgaa	caggntntac	cnctgnann	ctcttgggng	ttaactatgg	540
atatgaacnt	cactttgaaa	actgggannc	nnaacgggga	ttncctaaat	nccttnttgc	600
tataggcnaa	tanttnccgg	gagaggntgg	agtatcnngg	atgaancaat	tcanctttac	660
tgaanaaagt	gggcncggnc	tngaattccat	agggnaaaac	canttggttaa	nattatnggg	720
ttccaacgna	anncctgagn	taacnttcca	aanggnntgn	aagantttgg	gaaggcntga	780
atgggancaa	ngggggctcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggccct	840
ttntnaaacn	ntngaant					858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (716)

<223> n = A,T,C or G

<400> 4815

tgnnnntttg	nttcnaatgc	nngctcttgt	tcttttttgc	ggatcccatc	gattcgcgca	60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tgttgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tcgagaatat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgcaggga	acaaattgag	aagagacgca	gactttcttc	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcagtgaag	aaaatgcttt	540
atattgtgaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggaggt	gtgggaggtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgga	ccacttttgg	tcctntt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtntct	ttttgcagga	tccctcgatt	cgantgcnec	tnaagnancn	60
gcnacggnet	annctcacc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtgnnagt	aacnttggac	tctnctncan	tnactaaga	ananacnaat	180
gtgggcnnge	catntgccc	ncctgtntga	ncacancnan	nnaagagnc	ccagcatggc	240
aattgcnatt	caccenga	gctgtncatg	aagngaactn	ngttcnngn	acggcattec	300
nacctgngcc	natgccc	acnaggantc	nactggan	cnagaann	gctnntgngc	360
ctcntnaang	gcnntgtat	ngctcaccat	ggagccctng	nggncttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgt	tacctatgaa	480
ttganntgca	tnanancng	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagacc	600
tgncacgttc	tngatgtnan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817

nggggggagg	ntgaggtgta	aannnnctcn	tanntatttta	ccaagcctta	ctntgggttt	60
cttttttttg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcgg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagttttaaaa	aggccagngc	aaaaattaac	cgtnnggggtt	cgngcttggg	aaaaaaatac	240
cgtggtcaat	tttcttaaa	ggtgtggatt	tatttggcaa	agnttnaaan	aatgggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atthggtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agcccnana	aaggatgggt	ttgtnaccac	gtttncnaaa	420
naaaaaattag	tnacctggta	tccanntccc	aagttgggtc	cacttttcnc	ttcctaaacc	480
tttcttggc	cctaccgcca	acnagcacca	ctttananat	tancnttggc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaataacct	tttacttggg	ccctgggttc	accgaaancc	600
gaccttnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtnnga	aaactaggan	720
ttaccnnaac	ccttgcccc	tttcantngn	aantnnacat	acccatttg	gttngtgcta	780
cctttngggg	attaccccat	tnctttannc	cccngnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnncgga	aactttctta	annggnangg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaaat	ntagcncnca	cttggttanc	tntttgcccc	ntttnncccn	ncnnnannnt	1020
tggcactttc	cgntattccc	ctnanaaaat	ttaccngctn	gacatatntt	nactcccngt	1080
gcnttnggt	tnanaccacc	accntngnta	gtntcccaaa	cttctnctct	catgctacnt	1140
ctacggggag	gtct					1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(766)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caanncoctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnttctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcattgctna	ctgcnnccctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgnna	nnnnaattat	tanggnaann	tcnaaggcnn	300
aatgnattgn	cacntctnnt	gctcacctnn	gacttgaccn	gntganctca	tgnnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnnccgte	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacanggggn	atntctcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcat	ccaactggnt	tccatcttct	taatcagaaa	tnnacattg	gngcagnnga	720
aaaaaaaa	agaactcgag	gccttanact	atagttagtc	gtntng		766

&lt;210&gt; 4819

&lt;211&gt; 579

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(579)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4819

ttaagccttt	gntatctgtt	ctttttgcag	gateccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaacctt	ngaccaaagc	acccangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanaagcg	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cttcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgann	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tggtatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnnc	ttcttncttn	acctcttagt	cttatgtga			579

&lt;210&gt; 4820

&lt;211&gt; 1028

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1028)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4820

ccccgccgn	anaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncnncnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgntctanc	aggagnccng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaannga	gaagncgngg	annngngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnacgcag	cnggaccnac	300

anggtgcaag	angccntcga	cnacatanaa	nnaccanaaa	aaaccnagg	cacgnggcac	360
ntcnccccc	agnaangcan	cncnnnggga	nngccgacag	ngctgagaaa	nngcngnaan	420
ccaggaggtg	gaanangnac	gagcacnga	naggcgccat	ngcnctncan	nnnnngcann	480
nancagtgc	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agncggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tccntggcca	angnnaaaa	angcnaaaan	nggnccntgn	660
tcggcannnn	gcnaantagc	antgaaaaaa	nccggnncca	tnaaaaan	acgggnncaa	720
ncctnnntan	ngngngnngc	aanagnnggg	gcncaaanag	naaacccnna	ttgcacgcgn	780
aggtnnntaa	ttagagggng	gcanacggga	cancacncgg	accgnaanta	nggcccnca	840
canaaactnn	acccaaatcg	cccagggaaa	ncgnaaacgn	gacttttnac	agaacttgna	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngcncn	960
nnangnngnc	tcatagggga	cnnaaanaac	ataggganac	acaccngag	cnaanaanat	1020
taagggcg						1028

&lt;210&gt; 4821

&lt;211&gt; 832

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(832)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4821

antggnaann	ngggcaanaa	nncctttaag	aannactgaa	nggaaaagcc	cgnagcgnnt	60
ggngngaann	gggacngag	gggnnggang	agggggtaca	gaccggnttt	tggnccgncgn	120
nttncganga	ncgangngg	ggnanntngg	gggggnangn	naaggggcgg	cagnngggana	180
aagatgcgg	ggcgaggcca	ngaaaggang	gaagggaaga	ngggaannaa	gncaggngnc	240
ccnngggcaa	caaggaggnn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	aggngggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagngna	gaaacaggcn	nnagagaagc	agcnggngna	aaaacnggcn	ggnannagng	420
anagggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagcccan	gagagnnggn	nnacnagaga	anggggcaaa	ggcgacagg	gggaaaggna	540
aaggganggn	agaanngnag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaag	gaaaggacaa	gnggnngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaacng	agnagangga	ggnangngga	agggnggacn	gggnncngga	720
gnnggaaggn	ggngannnaa	ggnnngggan	anggggnnnn	aaaggggang	nannaannnn	780
gnaagagggga	ngggaggnna	agggngggga	gagaggngng	agggcgaaaa	cc	832

&lt;210&gt; 4822

&lt;211&gt; 1036

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1036)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nnngnnnnncg	aaaaannnga	anacaacnnn	cannnnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgncncn	nnncnnncgn	ngngannacg	aaancgggna	ngacngtgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tcnggnnnncn	nnannangcg	240
acatntntnn	ccgnttgga	acgcttgga	atctccgacg	canagagaga	gagaagagct	300

```

nncaanancn nagatagnna gnancgnana natanangnn gtcannnnna naggnnngaa 360
acncnncnct ctanntnnca gctnnnggct cacagnngan agncaacgan ggcagaagga 420
acatgagcct gatgaagaga cnggaaangg agcacctgnt cctgnacctn caaagagaac 480
agnccaaaga aatacaccca agcanggang ctcagagatn aatancagag agaggactnc 540
cancctnaag gcangnatna nganaaggca aaanncaaaag gtaaaggaca tgagagctga 600
agacttgang angctaatac gacacangga gcactgggca cataggctan nccctaaact 660
gnagntngag ganattatcg ncagagcaga ataccnggga agtaaaaagg aagnnacagac 720
ctgnnnaaaa cgaantcgan tagaaccnnc cctanatata catgaagaat nntgntagca 780
natnatgatg aangctgcng gagaanaaan gaaacactga aagtnacnnn antacngaatt 840
tnagaaccn nnntggacaa anntatactg anaagngaga atggctngcn nncangagnn 900
anagttgaan ccctaacagn acgagcaacc ancagagaaa nngnnnaana aantnaacaa 960
cntgggcntn ggaaaagaaa gcaaggcaaa gcccgagga nnaanaagt nnatgaaccc 1020
tagngaaaaa tggang 1036

```

<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

```

tnaatncttg ctctgcctc tngcaggatc cctcgattcg aattcggcac gaggctacac 60
tgtgggggga agatgctgat aaatttgatg gttctagaca gcccggtgttg gctatcaaag 120
gagcccgagt ctctgatttc ggtggacgga gcctctcgtg gctgtcttca agcactatca 180
ttgcnaatcc tgacatccca gaggcctata agcttcgtgg atgggttgac gcagaaggac 240
aagccttaga tgggtgttcc atctctgatc taaagagcgg cggagtcgga gggagtaaca 300
ccaactggaa aaccttgatg gaggtcaaat ccgagaacct gngccaaggc gacaagccgg 360
actactttag ttctgtggcc acagtgggtg atcttcgcaa agagaactgc atgtaccaag 420
cctgcccgac tcatgactgc aataagaaaag tgattgatca acngaattgga tngtaccgct 480
tgtgagaagt gcgacaccga atttcccaat tttcaagtac ccgnttgatc ctgtcagnaa 540
atattgcana ttttnaagna gaatcantgg gtgacttggt ttccaggagt ctgctgaanc 600
tatecttgga ccaaaatgct gcttatcttg nggaattana ngacaagaat gaacngcctt 660
tgnagaagtt ttncntaat gcccaactgc gaatctttca ttattagaag c 711

```

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

```

necgncctn tttaaanccg gcaanctttg gaancctttg gaaagccccg nnncaannc 60
ggnacgagge ngggnnnttc ctgntacang caaaancngc ttcgaggac cacatttttt 120
ccccgnaac ccgcccng ggaggggaag annntnaacc tgggcccgac acaggggtanc 180
ctnganann ctgtgaccgg aaaggcgccc naccggant nagtggctcc aantntcaat 240
gcanceccac acccnnagtt gttttnatcc tgagaaaaaa aaggaggcn gaattattna 300
aanttaaang aggananccc ntentggaan ggcngcngac ccttcctgca gaaatgggga 360
gcacntgagg acacaggtgg gtggaggccc nntgtgcggn gctggtcgga ttcnggcagc 420

```

```

cctccgtcnc ttnttataaa acnttgggng agaagantat attganaatg tcagtgaaac      480
aagccnecat tggnaatgga ggncacagann acnccacaag gagcccttct gcntataaaa      540
ncnagangca aaaaaccttt ttnaattntt gtnaatnaaa aggaaagact tgntaggtct      600
anacennanc tgggngtggg nnnacggggg agaacactgc naacagggan aaanggnngn      660
gcacacaana aangagtggg cgaaatttgn ccangtggac ccagccgggg aaaaaacnna      720
tanaaaaaaa ctcttcatag anccttttta aaaaaaaaaa aaaaaaaaaa cttcngnccn      780
cagaaaacca annggaggng acctatnccn nnagaancgg      820

```

&lt;210&gt; 4825

&lt;211&gt; 895

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(895)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4825

```

ggnnnngant gnnttttann ccttgcaaac gnntcgctga ggganecgnc gaatnecgcn      60
cgcgaggagaa ntнанatngt ncatggmata nncngtnntt tgtntgntat acagtgcntg      120
nnngnagngg ggntccgtac tgctagnnan gaacgtgcat tcacagggtt ataaanataa      180
cgatgttagc accaanccnc ttenaccctn caatagggtg tnagatgcnn nanatggang      240
ntgcctattt aangnntntn nnntgcncna tatnngaatt ncngaggacn acttannncc      300
gaaanntnta cttnccgncn cgnangggcg aaagnngnta tttttgatga ctncgtgggt      360
ccgcncngag agctcctgct ttgcctgcgc ctcccgttct aaactgtnac cctttagttn      420
tngannaccn ncccgnctt gggaacggtc tgacnntcnc tcgaaaanag gaagtggctn      480
aangggcnggc ttcttgacnc gngnatcgga tcctnnggcc cnnccccntt ccgttncaan      540
cttgcttntg caacaagcga tngntnacgc ttttnactga nntcttttat ntgccattt      600
nggattcccg ngttccntgn aacnaaaang nccnggcgga ngtcaccnat aaaacctgtt      660
ccccttgctt acaanaagca nnganggtgc ccgtcngngc cctgggtcttg nanaacangg      720
ntgttgggga ancntaaact nccccacatt tgatggaana cncattttca tnnanccatt      780
nttaaaaaacn gggngtngng gcaacgccaa nncctactcc ncactatcca aagntcccan      840
ntattggcgg ggcattcttc attggaaatt ntggatngaa ngaaaccctt ctctt      895

```

&lt;210&gt; 4826

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(759)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4826

```

tttcaaatcg cttggctact cgttctttct gcaggatccc atcgattcga attcggcacg      60
aggcctgtna ttccancatn cncngncacn aatnnaanana ggagncctta ggntcttaat      120
gtgaacaggc agnngattan gctgggcact caggnagaan ntcgctgtgn tcanntntna      180
ggcatgtttc atgattcaaa ntactctcca ncccttgctc tcaatgcctt gcatgagcct      240
tgnatgattg nattaggact accnanatta ncnncngtna tcncccttgn tnaaanngaa      300
ntcacnntgt atgtnacann atnctaatac ntcaanaggc acnngtattn tctgacnaaa      360
nagctaggca nctnaanata nccanattat atcnnnatcn ntngnncctt nattantaca      420
tacgnanacc tngtaaggna tntttnnan tggacattgc tacagatcag ntgacgatta      480
ngtancctnc ataantaatn nanngcattg tacnttnacn gatcgttctn ccnctgncat      540
gntncngttc ctnagtana canagctent cgtattctgg ncnntnncc gntatcngtt      600

```

```

nntaatgcan atatccctat gcaggtnntcc catatnnntn tnatnatgca tatagccttt 660
tgaangctcc ccatntnata tgencatatt ccaccatatt aaatnttncc tnnncgnact 720
ttggncacat gtaagncttg gtnacccaan ntaatcatc 759

```

```

<210> 4827
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (767)
<223> n = A,T,C or G

```

```

<400> 4827
gaaanccctt ttgttactnn gtnctttttt caggatccct cgattcgaat tcggcacgag 60
ggggattcat aattccagac aggtagagaa cggttttatt tatgtagaga cagagtctcg 120
ctctgtcgcc cagctgaggg ggggagaatc actttgacct gggaggtgga gggtgcgctg 180
agctgagatc attacactgc actccacctg ggcaacagag tgagactatg tctcaaaaaa 240
aaaaannnaa aaaaaaaact cgagcctcta gaactatagt gagtcgtatt acgtagatcc 300
agacatgata agatcattga tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaaa 360
tgctttatct gtgaaatttg tgatgctatt gctttatctg taaccattat aagctgcaat 420
aaacaagtta acaacaacaa ttgcattcat tttatgtttc aggttcaggg ggaggtgtgg 480
gaggtttttt aattcgcggc cgcggcgcca atgcattggg cccggacca gcttttggtc 540
cctttantga ggggttaattg cncgcttggc gtaatcatgg catagctggg tctgtgtgta 600
aattgttatc cgtcacaaat ncacacacat acgagccggg acataaagtg taaagcctgg 660
gggtgccta atgagtgagta ctcacattaa ttgcgttgcg ctntctggcg ctttccaatc 720
ggnaacctgt cnggccactt gcnttatgaa tcggccacnc cgggggn 767

```

```

<210> 4828
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (719)
<223> n = A,T,C or G

```

```

<400> 4828
ttctaatttn aatccttnaa atnggttctt tntgcaggat cccatcgatt cgaattcggc 60
acgagagaac acaggtgtcg tgaaaactac ccctaaaagc caaatggga aaggaaaaga 120
ctcatatcaa cattgtcgtc attggacacg tagattcggg caagtccacc actactggcc 180
atctgatcta taaatgcggg ggcatcgaca aaagaacat tgaaaaattt gagaaggagg 240
ctgctgagat gggaaagggc tccttcaagt atgcctgggt cttggataaa ctgaaagctg 300
agcgtgaacg tggatatcacc attgatattc ccttgtggaa atttgagacc agcaagtact 360
atgtgactat cattgatgcc ccaggacaca gagactttat caaaaacatg attacaggga 420
catctcaggg tgactgtgct gtcctgattg ttgctgctgg tgttggtgaa tttgaagctg 480
gtatctccaa gaatgggcag acccgagagc atgcccttct ggcttacaca ctgggtgtga 540
aacaactaat tgtcgggtgtt aacaaaatgg attccactga gccaccctac agccagaaga 600
gatatgagga aattgttaag gaagtcagca cttacattaa gaaaattggc tacaaccccg 660
acacagtanc atttgtgcca atttctgggt tggaatgggt acaacatgct ggagccaat 719

```

```

<210> 4829
<211> 887
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4829

nntttaaaac	cttnttttta	acccttttta	aaccttttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	ttcgaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatncntaa	120
cggggccctgg	ccgctnacc	gtggaaagta	caggctcctga	caactggggg	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggccccg	actctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggatcangg	gggctttgnc	cccggtgttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggcccc	aactacatgc	480
gggattatac	tagntgccct	tatcacccac	tactntntta	tggntntgct	gtgccagntn	540
nccaactttt	annntgntgc	cccttttnatt	ncaaanttg	ancgnngncc	aaantgaanc	600
ntnttttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
ncettgccct	cannttcnan	tngtnttccc	aaccttttnt	aggggnntac	aganttttgn	720
ncccatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtttggg	tttttcccg	tgncaaan	ttantaaag	gaatttggca	840
ccccttgga	gggncccent	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4830

ttntaatnc	tngctatcgn	agtnntntaa	gnncanttct	aatacttggc	ancncgatnt	60
cgcnnnanca	tncnatacag	tntnctctg	nnogaggcnc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tggggggccag	gnacantgg	ccatattgnc	tgnagcnnga	180
atgggtgcca	cctacncgaa	ttgaangget	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taaggggaan	agctgtctcc	acagganagg	gatagattcc	atctcactgc	300
gcancctggg	aggaggcang	gacctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcatga	ctcctncttg	ntgagnactg	agctaccttn	tactgtctcca	420
aancnnacta	acagctctcc	aanccttgg	ggtgactcga	gatecnanga	nctgtngact	480
taantganga	tantcagtcc	tggtctgccc	nggcaggcca	nattcctncc	tccaanaanc	540
nnnatctttc	naaacctga	anntgtance	tntctnattt	acccagctan	tttaanncca	600
aatnttanaa	anntanncna	atacctttac	tcnnaaacca	cttttgnctt	cnttacctga	660
tannngnngn	nctatactca	cnntttagcc	ntaaanngaa	nccttnctnn	annagcnnat	720
ttgtcntttt	ancttggnaa	actttctatn	tanaatnacc	atccaaannt	tnnngnannt	780
cnttaantnt	ttancncnanc	tacaatnnaa	canctntaac	ctnantcctg	taantcnnac	840
aaaattnttc	nttancct					858

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(1786)  
 <223> n = A,T,C or G

<400> 4831

cgncncncnc	cnncccccnc	ggnnncngcn	nnnacnnncc	ncnnecngcn	acgncnnncnc	60
naccnnnnna	ngagcncnng	negnnannnc	ncgcnacna	ngggntcgng	ncagcngnnn	120
ccangncnnn	cnnengnnng	cncnggnann	gcngnancnn	nnannnnncna	cnnangetac	180
nncagcnanc	nnncnngcng	anagnncncn	nnnagcgna	ncncgcncnc	ncngcnanc	240
ccacacnnac	gnncanncgg	gncnngngna	cnggnncccc	nancntnnnt	cncnttttgg	300
ccaacncngc	ctgggcancn	accnntntc	gccncagnaa	cgngngnang	ggnnecgnnac	360
nncncccgnc	cccannngcc	cntntncnc	ngnagnntcn	nnnnncananc	cncagcanan	420
cnccanancn	cgccccnggg	ggnnnnecgna	ccnccnnnca	cccgcgnagn	gcncncncan	480
nncgngncgc	ctcccnncnc	cncgnacccc	ncnnnnngnc	ccnccngccn	gcccncnnna	540
nnngccnann	ccnnncnccc	nanacacnnc	ngnecgagnc	cnnnnnnncnn	cncnccnncn	600
ccccnnngnc	agacnactcc	nncnncnccc	agnccnccnc	naccgcgcn	ngnnnnctcc	660
nnnecgancg	annncnccng	ccnnccccc	cggnnctggc	acacgacncn	cncaccgcn	720
cnnccccnnn	nacnacgnng	cncncnagcn	nnacnncanc	anncannagc	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cncantnac	gcacccggn	catcacgcnc	840
gcnnaganccn	gacngagaca	acncagcnnn	nnncnagann	nacacgcngg	cnacagactc	900
tcncacgnaa	cgccannnnc	gcacctccnc	nnnacaccna	ngcaccgcng	anancncgc	960
acnngngnng	ctcanacgca	ncangecgcn	cnangtcncn	ngacgcnncc	nctcnacncc	1020
gcgngncncc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnnacaga	1080
naggacncac	tnngcgcan	nncnncnccn	cgncancncc	cgacgcngat	atanacnatg	1140
cnnngnccagc	acacannnnn	cnanaccngc	cgngccncac	gctctcgngc	agncacacgc	1200
ggncgcctag	agccnngcat	cntagagcac	gcgcannnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnncnnc	agaccncnn	nccanctccn	ganaccncca	ctcacaccnc	1320
nctnccgcgc	aanagnnnca	gganacgct	cngetctnca	ctgnganacc	gcangacgnc	1380
ccttnccnct	canacncncn	gncacagnca	cncnncnccg	nacacncnct	nncacatccg	1440
ngnnatcnnc	ncnannnacg	nacannncgc	gcaccngcac	gcacaccann	gnnccgacga	1500
ccnccnccnt	canacctgcg	anccgctcat	gcgcgctntc	tacacnccgn	cngtncnanc	1560
cncgaccgnc	acagnncnnc	gctnccgntn	cnnccgcncc	gcgcgntccc	ancnncaggc	1620
nnctacnnc	cagntatccn	gngtnnnngn	caacgcncag	cngtctcnnc	acanncccca	1680
ngcgngnncn	ntncnnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcgt	gtnaccngg	atacaccgac	cccacc		1786

<210> 4832  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nnccccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cgttgactta	120
atcagagggg	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	attttttcca	ttgttcagca	attgggtggat	tcaggttacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatattga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaat	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	480

gcaatctcgg	ctcactgcaa	cccgatacct	cctgagttca	agcgattctc	ctgcctcagc	540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	ttttttttga	600
atttagtaga	gatggggatt	tcacccatgt	taatcanget	gatctagaac	tnctggacct	660
caggtgatcc	anccggcttg	ggcttccaaa	aggactggga	ttaccagcgt	gagccactgn	720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttgg			759

&lt;210&gt; 4833

&lt;211&gt; 772

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(772)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4833

ccaacgcngg	ctacttggtc	tttttgcaag	atcccatcga	ttcgaattcg	gcacgaggat	60
tagtactagt	tctatctgga	aaaagccccg	gttgggaagaa	gctgtggaga	gtgcgtgtgc	120
aatgcgagac	tcatttcttg	gaagcatccc	tggcaaaaat	gcagctgagt	acaaggttat	180
cactgtgata	gaacctggac	tgctttttga	gataatagag	atgctgcagt	ctgaagagac	240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca	300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcatcaactt	360
agaaggtggt	gatattcgtg	aagagtcttc	ctataaagta	attgtcatgc	cgactacgaa	420
agaaaaatgc	ccccgttggt	ggaagtatac	agcggagtct	tcagatacac	tgtgtcctcg	480
atgtgcagaa	gttgtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaaccctcct	540
gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt	600
taggtaatga	gtggatgagt	aaatgggtgga	ggatgggagt	caaaatcaga	attatnggaa	660
gaagtatttc	ctgtaactat	ngaaagannt	atgtatatat	acatgccana	aatatatatg	720
tgtgtgtgtn	tctgnggatg	gatatatgta	tatctcttcc	tatatatatc	cc	772

&lt;210&gt; 4834

&lt;211&gt; 833

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(833)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4834

ggnnnnnnnn	tttttaactc	ntgccctttg	aanncccttg	tacctcncnn	ngganggggc	60
cctngtttna	attcgctncn	acccanngat	gggccagngg	nggaacttnc	ttgagtatgt	120
cgccnttccg	gnngncgttn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa	180
tntggaagat	nganacaccc	tntgngggtc	ctctctgaga	caaattccatn	tgggtgggtaa	240
ttgnacanta	aatntttttt	gntcaaant	nnaaaaaaaa	aanangcctn	tacaactctt	300
gtgagtcentn	ttaccnccat	ccnnacatga	taatgataca	tatgatgatg	ttggnccaaa	360
ccaacatcta	gaagtgcgnt	tnaaaaaaaa	gctntntttg	cgnaanntnn	gatnctnttg	420
nttnnttnga	nncntttgng	cctgnataaa	caagttaaca	acgacanttc	tttcattagg	480
ggagtengna	tnatgggtgg	ggccangnan	nggttcentga	atctngcntc	gtctcctnca	540
ggncatntnc	acnacacccg	aantttgggc	atntnttttt	gnentntgaa	cggnnnctng	600
nggttnatca	aggatatnnn	ntttcctgtg	tgcaaaattt	gtccctctnc	naattccacn	660
ctngcatgcc	atcccggnat	cattnaaggg	taaaantcct	ggggggnggc	cnnatgcagt	720
nnngcnaacc	tcncatttgn	atngctgggt	ggancataaa	tggccctgct	attttanttg	780
cgnggnanaa	catnncttgg	ggcctntngt	gncatntaan	atanattggg	gcg	833

<210> 4835  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

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<400> 4835
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ccctaaatag taaatcccac tgtatacaaaa actgttctct tgttctgcct tttaaaatgt      120
tcatgtagaa aattaatgaa ctatagggaa tagctctagg gagaacaaat gtgctttctg      180
taaaaaggca gaccagggga tgtaatgttt ttaatgtttc agaagcctaa ctttttacac      240
agtggttaca tttcacattt cactaatgtt gatatttggc tgatgggtga gcagtttctg      300
aaatacacat ttagtgtagt gaaatacaag acagctaaag ggctgttttg ttagcatctc      360
atcttgcatt ctgatcaatt ggcaagaaaag ggagatttca aaattatatt tcttgatggg      420
atcttttcaa ttaatgtatc tgtaaaaagt ttctttgtaa atactatgtg ttctgggtgtg      480
tcttaaaatt ncaaacaaaa tgatccctgc atttccctgaa gatgtttaaa cgtgagaagt      540
ctggtaggca aagcagtctg agaaagaaat aggaaatgcn gaaatagggt ttgtctgggt      600
gcatataatc tttgctcttt ttaagctctg tgactctgaa atatattttt ggggtcttca      660
gtgtgttttg acaagacact tgatatttct atcaaacaaa tgactttcat attgcaccaa      720
tctttgtaag accactcaaa taaaagcttt taaaangcaa aaaaaaaaaa aaa              773

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<210> 4836  
 <211> 855  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(855)  
 <223> n = A,T,C or G

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<400> 4836
gceenntgan nccatcanct cttgttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagggggcnc aaannatntc ntgatgacaa ananctctgt atancaggtc antcncagtg      120
ttnanagtct cagttgcttg cttggggaac tngngtccct aatgngaata gnntgctnga      180
ttgctcnggc nctgntactg tgacagtgtt ttagacctg tgttntctaaa aaaaanatna      240
atgcnctgaa aaggggtgtg ggaggggtgg tcancataga aacanagatg ttanggtgtt      300
tagatttang gttgngaaca aggtcatctt tagtcaccnc actgggnagg cagcatttgc      360
tacattggcn nactaactnc cnttgetann nnttttcang antncaanna cntgtgnatc      420
ntagtatnnn agnntgaaat nantttccac cannagcggg cattgtttct atcacagcat      480
aggctatgtn aagcnaactc tannatgata aatgacaccc nntnttatct attngcatcg      540
acccccgtct ctacaagaaa gtnaccaaaa attttncctg ggcatgntgg tnggggcacc      600
ctgtnggtcc ccagctatct caaaaaaggc ttgangngng ggaggaatca cttggacccc      660
cggggggggg tggaggggtg canttgannc caaatcnacg cccactgcan ttcccgncct      720
ggggtggaca caagngagac ccccatttta taaaaaana atnaanacct cctttggnaa      780
cnngggggna aantctnttc tttttnanga anttttctnt ntnggacttt ggggttccct      840
tatgactttc atntc

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<210> 4837  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(932)  
<223> n = A,T,C or G

<400> 4837  
nnnnnnngann nnanagannnn nnnnnnnngan nanntectnt tnnnnntagga nttgnaaatn 60  
cctcggttcta aatncttgggt aaacncctng ctnnanggtg cnggccactn tgtccgggnc 120  
gaggggtgggc ncacacncta atntcnctgg gtccatggta ntncnatta ngcatgctgt 180  
gttnntgcan atgatgtant acganatcca cgggtgttngg ttaatgattt attcactcat 240  
tagtcattcc acaaactagt ctngagcacc ngttatgnac ccancactgt gctggaatgc 300  
tgaggagaca ggagtgaagt aaaaagacat ggntccngca ggaaacaggc aaggagagcc 360  
ttgacttgac ggantctggc aatancgcca ggctggaatg caatggcgcg atctctctc 420  
actggancct acgnctncng ggntnaagca antctactgc ctagnanct ggagtancn 480  
ggnaactacag gcnnngcgcta ccacncgcnn atgagaaaac ttnnnngccac agagagggtga 540  
aataagttag atgcttncta acctaatgcg anaaccnctg gaaaagattt ttggcaacct 600  
gaaaaatccc atnctnnmnt gaggattnta tngncaaccn gnaatcaant cttaggnaan 660  
atgaatgcn nttegggant aaattcnatt tttntnate tcccannaag gaaggaaaac 720  
ntnnnaagcc tctangaatn atnnngnctt nctaaccng ngtantcaaa actntttnncn 780  
aatctattgg naaaccgat ctagannttt ttnaatnacc ntnaaatct nnaaaagaaa 840  
gnncaatnag tatnttattc actcgaaaag tctccaaanc ncntaaaag aactcnantg 900  
gaccaaacta cncnttgng gaannttaan cc 932

<210> 4838  
<211> 1358  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1358)  
<223> n = A,T,C or G

<400> 4838  
ttgnnggaac cccnnntttt tttnttaaaa aaaanccccc cantttcccn aangggccct 60  
taacctcng gttnttgtn tntnttttta ctgatnngaa angagcanaa cncncagatn 120  
gntnantgta aantttnta tcnncncn aangtanctt nctttgtat caaccnnggt 180  
ntagtcgtc cnnnontaga ncttaantat ataannnata aacacctacc gtgntatann 240  
tntgtacann tannnnngc gcgnngngca ncnnangtca tatanacct gcgccanatn 300  
cttctacana ctacanct atnanggnnt nnataaagtt cttaataacg catcatnntg 360  
ttcaacaact ggggtagcta tantgaacan tctnancan naannatngn ttcncaaaaag 420  
ganaancatc tcnntatang antaccctnn nttnnncaa tnatatnaaa tncnntganc 480  
nancncngt ntgnntnaa gnnntgaatc tngncaatat gttggnnnnn gentntnnn 540  
tttnanattn anaaacctg ncntnatnat ncatgtggta tgnaanacg tncnttaaaa 600  
taggnnaag acgnncnat tgcnnacnt tatanaatnt cntnnnncca tntgtctga 660  
ttntgattac aaatattgnt gcngannngn anaatnacnt cnatcttgat nccttnaat 720  
annnannnaa anaattnnnt nctttctnnn tcacacnaca ttcnncgta cntnatnat 780  
ctttgttnna cgtcattgta cnaacaactt aatgtagctt tgnnanacnn aacaatntcc 840  
tctctttgnn nnnanggnat gcacncattt ccnnttgnta ntaacctann tcnngnaata 900  
ttgtaatagn cncettaacg ntcaantct cgggtaaten nancaaagg tttgtacnaa 960  
ttctnnnccg ttncnangcn taactntntn cntaanacat ngattgntta actcgaangn 1020  
atatgancgc gancgcatgn ncnanang tcaactcttg ggataccnc gctctacttt 1080  
anactcttta angncanang gttacganac tgcactngna ctgtangctt ngtttactct 1140  
nccnccgna anactntcn atangatnt tangcncna cgnannntn ncnantcta 1200  
tncgagcana ntnaacnnnc tccanatnaa naaaatngtn nntgtngnac anataangga 1260  
cntatcctt tgtatattct cgacgcgaan anatggtagc tgagngnttt acntaangta 1320

ncaatntn ggttnacact nnnntatn cg agcctccg

1358

<210> 4839  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (716)  
 <223> n = A,T,C or G

<400> 4839  
 gnnnttttnan atcagctact tgttcttttt gcaggatccc atcgattcgc tgaaatgtca 60  
 aacacggcca cctaggcagc atttacaanc aagagtcac tgcttnnttg atgtatatct 120  
 taagcgcccc cagtgaatga acagcatata actccacata aaaatcatta aatgtnattg 180  
 acttccagag caggcagttc tgtgtgtatg cctctggaga aggctggctg aattgnaatt 240  
 ggtctgtacc tntgcctat catgtacatg angtnnttgg gcaaagagaa ctttccanaa 300  
 nataagcca naaattatag atcatcanac naccaatgac atattgntga gatatactnca 360  
 agatctagaa tngncctggg tgtcaaggaa gtctntgggg tttttacaaa tattgataat 420  
 gcnccttttta taaaatgcac tttttataaa aatgcatgct cacttgagac aacttgaaaa 480  
 acacactaga aaaggccggg cgtagtggct cagcgtgtga atcccagcac tctgggaggc 540  
 cgngacggnt ggatcacgat gcangagatt gagaccatcc tggctnacat ggtgaaaccc 600  
 cgtntctact aaaaatncac naaaattagc anggtgttgg tgacngggcg cctatagtcc 660  
 catctactna agaagcttga tgcangaaaa atggtgtgaa cccaggaaac gagctt 716

<210> 4840  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (758)  
 <223> n = A,T,C or G

<400> 4840  
 angcagctct tgttctnctt tcaggacct atcgattcga attcggcacg agccaagctg 60  
 taccagagtg cangaggcat gccaggagga atgcctgggg gatttcctgg tggaggagct 120  
 cctccctctg gtggngcttc ctcaggggccc accattgaag aggttgatta anccaaccaa 180  
 gtgtngatgt ancattgntc cacacattta aaacatttga aggacctaaa ttcgtagcaa 240  
 attctgnggc agttntaaaa agttaagctg ctatagtaag ttactgggca ttctcaatac 300  
 tngaatatgg aacatatgca caggggaagg aaataacatt gcactttata aacactgtat 360  
 tgtaagtggg aaatgcaatg tcttaaatna aactatttaa aattggcacc ataaaaaaaa 420  
 ataaaagaaa actcnngcct ctagaactat agtgagtcgt attacgtaga tccanacatg 480  
 ataagataca ttgatgagtt tggacaaacc acanctagaa tgcnnngaaa aaaatgcttt 540  
 atttgtgaaa tttgagatgc tattgcttta tttgtgccat tatgagctgc aataaacaag 600  
 tnaacaacac aggttgcatc catttnatgt ttcaagggtc aaggggnagg tgtggggagg 660  
 ctacttaatt tcattgacgc ngggnccttg cnttnngggc nnngacccca gntttttgtn 720  
 ccttngngg aggggtaant nnaacttng ggttaann 758

<210> 4841  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

1643

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 4841

agnnnantnc	tatgatccct	tgnnncagga	tccatcgatt	cgaattcggc	acgagtgcct	60
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tccttttnag	cancngcaga	ctnnanac	tgtttaacca	gttccctata	ttaaattctc	180
tctggnnaaa	tacatggngg	ggctttgatt	anctgctgaa	ccctnagnga	tncataccnn	240
atnatgctnc	nnaannnatg	cnatanncnt	acaannatnt	gtantnnagg	atncctatnn	300
cnaactgct	ngtnntanca	ncatcancat	gacannnacc	tttaaangtn	ttcnatntan	360
ctanaattat	ctaaaatgtt	aaangncnta	aaacannnna	ntaagcaaaa	gatganntca	420
agtgtatgt	catttagtag	tgacttggtg	gatttgacgt	gttcatgaca	gctggctatt	480
tgtattgtct	gaatgatagt	gtatttgngt	actttgcccc	ttgcctattg	gggcattnta	540
aaatngatcc	ttaggtaatg	ttaattaaga	acattgacct	ngggcanggc	gcggtngctc	600
acnctgttag	nncaaacacn	ttncgagggc	gangcagnaa	attcnanana	angagtttga	660
tacatctggg	caacatngcg	aaacctgnct	ntctanaatn	tananttagc	cggcanggng	720
gagctgeng	ntccagtag					739

<210> 4842  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 4842

ttatnnntac	cgctttgcna	ctnncgcag	gatccctcga	ttcgaattcg	gcacgagggg	60
gattcagatg	atggcgaaga	tggtcgaggt	tntgagaacg	ganaaatnaa	ggcncttcgg	120
acagctnctc	tggcaatgta	tctgaagggg	aaagccctnc	tgacagccat	ggaggactct	180
ttccagggaa	gacagnnacc	aaangacaaa	gctgccactc	cangaaaaga	tggtcccaaa	240
cgttctgtac	tgtccaagtc	agttcctggg	tacaagccaa	aggtcattcc	aaatgctata	300
tgtggaattt	gnctgaatgg	tnaggagtcc	aacatgaaag	gaaaggctgn	atcactnata	360
cactgctccc	aatgtgagaa	tantggccat	ccttcttgcc	tgatgatgac	aatggagctn	420
gnttctatga	ttaagaccta	cccatggcan	ngcatggaat	gtaaaacatg	catnatatgt	480
ggacaacccc	accatgaana	agaaatgatg	ttctgngata	tgtgngacag	angttatcat	540
actttttgag	tgggccttgg	tgctattcca	tnacgtcgct	gnatttgtga	ctggtgtcaa	600
cngncccncc	caacacccag	taaantgtgg	caaaaagggg	aaaaatnagc	aaagagggat	660
naaancgttt	ttgactctaa	tctgtatatg	catttaagtg	gaatatttgg	tgccattttc	720
aacattantt	tcatgcccc	aaaagaatnt				750

<210> 4843  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 4843

tnnctttgat	tcaattcata	gnactgggtt	ctttttgcag	gatcccatcg	attegccccag	60
ggccgcctgc	ctgagcctct	ctgcagctgc	tcacctcctg	ctgaggcctc	tgcccttcaga	120
gctagtgggg	cctgctcaca	cattccagta	gtttcctctt	tatttgctct	gaaccaagtt	180
gtagaattta	aaggagggtga	agtaaggcga	tttctatgga	aaatatattt	ttcttcttta	240
ctcctcatgc	tgagtgcata	agaattttatt	atttccccctg	aatgttcaaa	gtgggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacaa	tcttaatagg	aatgtgcat	cttgtgttta	360
tcttttagcac	acttaattag	ctacaaccgc	ggactgttgc	catttgaaca	agttgttaag	420
aaaatctgcc	atgtttttgct	cttttttcaaa	aggaatgact	ttaataacca	tagcaacact	480
tactcagttt	tgtgatccac	tccaagatta	tgggagcaag	aacagatnct	cctgaaagca	540
accctcacct	tcttccccgc	ccctgccttc	agcaagtcct	ggcctgtgtg	aactgaaagg	600
tttggaaagct	ctggtttcta	ngagtgccca	naactagaaa	gactaggggtg	tctaattatt	660
tgagggggcan	ttgtcaatgg	cantgtgggg	ggcaccccat	tgttatttcg	aggcactgca	720
ttgctttttt						730

&lt;210&gt; 4844

&lt;211&gt; 818

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(818)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4844

tntectnecg	gnngnecgnatt	ccnctaagga	gaggcncgga	tccctcgatt	cgaattcggc	60
acgagtctcg	atctccccgac	ctcgtttccg	cntgcctcgg	cctcccnnnn	ngcngnnatt	120
acaggcgnga	gccaccgagc	tngnccctgga	tcaaattctta	atccatgcgc	atgggnacac	180
aagantactg	ggttgaannn	attctagntt	tgttatttaa	atacntgnng	atgaatctat	240
tttagcacan	ggtataaata	actcgggagg	tcattctctat	cttctctcct	tnantgcatt	300
tgggtatacc	acgtttaagn	nctaaaacag	ctnngentat	ggtggccagg	ggaaaacatg	360
gcatnctgtg	cgcaaagntn	aatgatcgcn	gncennnctt	ggccccctccc	tgggtttatg	420
gncancgtaa	gangcccgca	tgtaaagct	taaaccgtca	nttgggctng	gtgtaaatec	480
ccnattnaat	tcntggngng	ncaannctct	tgaccccgna	aacaatggaa	agggccanct	540
ggggcctcna	anntgtngga	gccccnntta	acaaacnntt	antngnaaac	ctttggaatt	600
ccaaccttna	aaggggagggg	naccatggaa	gatanttgag	tggcccgntn	ggaattgnan	660
cccccttnaan	gcaattagtt	tcnccnaatt	ttcctggttt	anaaaanatg	cncnnaanac	720
cngggggggcc	caannctggg	ctaaagccgg	nggggctcnc	anaaccnggg	tttttaactn	780
tngatacant	angngaaan	aangggcccc	tttttaan			818

&lt;210&gt; 4845

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(748)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4845

agcttcattn	nactatcagn	tgcgctgctn	tangtgcngg	atccnttcga	atccngcncg	60
aggcgngang	gcangganng	cagngcncan	gncennntaa	gcnnntttct	gtcttatcac	120
ncagngaant	aanntgaact	ggatcngaac	natcccatat	tanccgatcc	tttncctcna	180
tgaaagaaaa	nacntannna	gaacanatan	gctnaaaactg	atacagnaag	tngccgtcag	240
cctctagaac	tatagtgagn	ngaattgnct	acanccanac	ntgatnanan	acattgatga	300

gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga	360
tgctattgct	ttanttnnga	accattataa	gctgnnataa	acaagctaac	aacaacnatt	420
gcattcatnn	natgctncag	gancacgnng	aggtgnagga	ggnagtgtaa	ttcgnggccn	480
cggagccaat	gcattgggcc	cagacccaen	tntgaccctn	tagtgagggt	taatggcgcn	540
cttngcgtaa	tcattggcat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca	600
ncacatacga	ccgggacata	aagtgaagc	ctggagnanc	ctaangaagt	gaccaactca	660
cattnatngc	ctgngntaac	tgccccnttc	cagtngggaa	accnnnnccg	canatgctta	720
angaatcngn	caccgcgcgg	ganaggcg				748

&lt;210&gt; 4846

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4846

gnnttnaaan	nttgettgnn	nnnnnncctt	tccgcaggat	ccnanncgat	togaattcgg	60
cacgaggtnc	agctcnccta	notggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatacnga	nacatangcc	attacacngc	gtctatgcaa	gcttgccacat	180
aacntcangt	actgcagctc	acacaccctn	tgnaggcng	aatnantngn	tctgcctccg	240
gatacnaana	atntcggtct	ngcctcagng	ctaatgatch	tnatgtngtg	tnctnnagta	300
nntgctgtat	ctgngtggtt	tntntgccaa	actctagnta	ntgatcttat	gateccctnt	360
ngaantaana	tgggggttctt	gantgncgtg	gaacgacttg	cacaatgngt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntactntggc	480
nctaagcact	ntnttgncca	tngncancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	attttggccc	nctttctgtt	tnataaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaanncnta	ctctnccact	gcataatatn	nnccnagga	ctnn		704

&lt;210&gt; 4847

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4847

agntntttcn	atttctnatn	ttgttctttc	tgcaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatcctcc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcattccagcc	cctcttagaa	cttgaccaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatcct	ccgtggactc	actccaccag	300
cttcctataa	cttggacgat	gaccaggcgg	cttgggagaa	tgagctgcag	aagatgaccc	360
gggggcagct	tcaggatgag	ttagagaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgcctt	ggaagagtcc	tcttgaccct	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	caggtgcccc	gaaccttctt	ggcaccaaac	600
actacaaact	tcattcccaac	ttgtcactt	gaagaagtgt	gattncagca	cccgtttcta	660
catctgccat	cttactctgc	ctttctgctt	tggatgtggn	ctctacacta	accttnttga	720



tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848  
 <211> 1030  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1030)  
 <223> n = A,T,C or G

<400> 4848  
 gcgtcncact ttgaancntc naannngggg caatcnaatc gcncnangnn nctaggtann 60  
 cgaattcggc acnagagcag gcgcttggn cctaagggtg atgttagagt agtgattatg 120  
 gtcagcgtgg gtgctatncn ngtgttncag nttttcanct ggnggaatag ctacaataag 180  
 gnaatcagct acctagccac agngcccaag tncggtntcc aagctacnga gattgccaaag 240  
 cancanggac tgntcaaaaa agccaaataa aaaggcnaaa acaaaaagtc caangangat 300  
 atccngacn aggangagaa catcntaaag aacattataa aaagcaanat antatttana 360  
 ggggtgnctan tcagnaacnc caaatantgn gnatcntcct ctgtatnana tcaatcctag 420  
 ctccntntnn cctatnctca tatccnannc tggcatangt cnggagagat ctacnntttc 480  
 aacatcaanc ggntnnnnat tatggnanag nantnacaga tcantccatt ctacnntaaa 540  
 tctatnaccn ngtnnactnc tctatttnaa tnnnactatg aanatnctct naactaaanc 600  
 ntttctttta nncnaaaanc ctctgnnct ncatggnnnn aattnnttac ngctctncc 660  
 aaaccnncna nacacncacn gancntaatc ttcacaanta nnaacantct gngctnanct 720  
 cgaacncccc tnaattggct naccannatc ntccactggg atcatncggg antggantta 780  
 aanngcaact cggntctctg nggnetnctg nattncann atcnnntgc gnnattttnt 840  
 cttgcacaca atatannctc ncgnaatttn ncntannctt nnnnctctca aatactctct 900  
 ctanacatag agcaattann tntctgatna tactntngac cncgtcantc acnacngca 960  
 caanannata tcattgtaca ttcatntatc tgtngacttt acnacagtcc cngccaatnt 1020  
 aacaaacnnt 1030

<210> 4849  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4849  
 cnttncctna ncagggtatgg ccattncnt ttntgcagga tcccatcgat tcgctgtcc 60  
 gagagagccc cgctcacggg gcacagctgc tacttttttag gccntgctgc acttcggac 120  
 ccactgcttc aactggcact cccccacgta cgagtatgcg ttgagacatt tgtacgtgct 180  
 ggtcaacctt tgtgagaagc cgtatccact tcacaggata aaattgtcca tggaccacgt 240  
 gtgccttggg cactactgaa gagctgcctc ctggaagctt ttccaagtgt gagcgccca 300  
 ccgactgtgt gctgatcaga gactggagag gtggagttag aagtctcgc tgctcgggcc 360  
 ctccctggga gccccgctc cagggtcgc tccaggacct tcttcacaag atgacttgct 420  
 cgctgttacc tgcttcccc gtcttttctg aaaaactaca aattaggggtg ggaaaagctc 480  
 tgtattgaga agggtcatat ttgctttcta ggangttgt nggtttgcct gcagttttga 540  
 ggagcaggaa gctcatgggg gcttntgtac cccctttaa aggagtcnnt attctganaa 600  
 ntngaantcg aaacctttnt aaatcttcan aaangatttt attngaanaa ggncennanc 660  
 nccnaaangg aaaacnnnnn tnnaaaant natnantttt tgaaagnnt ngnttttnaa 720  
 actannnnng nnnncnnaa ccaancnnnn nnnnaanacc n 761

1647

<210> 4850  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

<400> 4850

ttnacatcaa	gctcttgntn	ctanccctt	cctcgattcg	aattcggcac	gaggagagag	60
agagagagag	agagagagag	agagagagag	agagagagag	attnagagag	agagagagag	120
agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	180
agagagagag	agagagagag	agagagagag	agagagagag	agctnaagg	aaggctgccg	240
ggaaggcaaa	tgggaacagga	atggacctgt	ctcangaagg	ccagctgcan	gtcctccaca	300
aaatcaaaga	aggggaagaaa	ctctgagttt	gaggtacagg	ggcttcnggg	tgcacacgtc	360
cctccagggc	ccatgggtcag	tattgcacct	gtgttatgaa	cccccatatc	tgtgcagggc	420
agggggcggg	gctgctgttt	tattggggag	gggagcctcc	taaaaatggg	gtccaggcag	480
acccctccag	acctcacact	gncgaggagg	cctttcccaa	aggggcgttc	tccccgggat	540
gcanaccgna	tgttttgtgg	gaaaccnccc	tttaaatacc	ccacaccgac	gtattccttg	600
ttcccgactt	tttcccggtt	tntttgtttt	gaaaaatacc	tgtnngtttc	angcctcntt	660
ggatcttaaa	atgggcaana	ataggggaacc	tttttttttg	tcaccaaaaa	aaatacctgg	720
ggggggaaaa	attgtttgtt	aaaaaaataa	gacntttttg	ggaccaccac	caacnttttt	780
tggggggcct	tccaccttga	anctttccaa	ntttttttta	aaccatgggg	antttttatt	840
aacnttaaaa	tgggtttttt	tgg				863

<210> 4851  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4851

cgcgggcgna	agcgnagcnc	ttcccaacnn	ccttggtatcc	natecncccg	aattcggcac	60
gagtatgggc	ttgnagaaat	gctaccgttt	ttttncctgt	tnanacntgg	atcccgaaac	120
tgnactaacg	tnnagtatca	ggcnnaatgn	cnggaaagg	nnggcttatg	naggcaacta	180
cagatagttg	taagggatca	tacagaagat	attgatgata	gnngaaatat	tcttagaagg	240
ggtgtgtatg	tctagctgng	tctaccatgt	gtatgtattc	ttgacaagca	gtataaaaata	300
cctgtgantt	ttctttacat	tagggataat	gcataaggaa	ttaatcttca	tatatattat	360
catcccta	gtagcagggg	gaagtattta	attgcccattg	atatgtattt	tacttatact	420
atgccagaga	ggaaacnata	aagnaattac	acatgtaatc	ntgggttntt	cacatatgta	480
ggtatncatt	tngagtaggt	tgaagaaaga	aaaaaaatat	ttaaatgaan	tgaattcctg	540
atgggatagt	ancaataagt	atttaaaagc	cngtattcna	aaaataataa	aggggtacggn	600
catttttgag	cttgnnttct	ntttgctacn	ggaaatantc	caaannaaag	ngntancant	660
ggcacngct	ggngctcaacg	cacntattgg	naaccgcact	gganaggatg	aacaaggggt	720
nagncaatag	caaaccctta	taacattccn	ggccaaanac	c		761

<210> 4852  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacanctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcatcat	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccttg	aaatgtatac	tgattactat	cttcagtgt	aactagaaca	360
gctatttcag	gagcaccgtt	tggtctcact	cataacactt	ctcagagatg	ctatattctg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctgtt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agacttctgt	ttgatggcct	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggt	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttccgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgttttac	naaactgttc	tnttgtgctg	120
gcntgctnan	tgctntgtag	nnccctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagnng	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnttccttt	ggcnanaaag	gganatntca	gaattatatt	420
tcttgatggg	gtcttttcaa	tcantgtatc	tgctcgaaann	tcttaganaa	anctatgtgn	480
tcncggtgtt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	tgananangc	540
ttaaacgtga	gaagacnggt	nggcaaaaaca	ccctncnaag	gttnttggna	angcccnant	600
ntgttttgtc	tggcccatat	aancttngcn	ccattnaagc	cncgggngag	ctttgnatnt	660
atattngngg	ngttactttc	tttgnnccct	tgcggggaac	ancttnnata	atgcttntcn	720
ncccnanttg	gacntttgct	ttttgnnncc	nnaccccccc	aaagggngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggctccttn	ctnaaaaaaa	nnnnt		825

<210> 4854  
 <211> 1090  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1090)  
 <223> n = A,T,C or G

&lt;400&gt; 4854

gaaaggaagc	acgcaaagca	actcccagca	gcattcccagc	naaangccca	gaggaaggna	60
cnnngcagna	cnaccncnc	gngcaccgcn	ttnttttccc	cagtaggngn	ngacacgcca	120
acnnnnnggg	nccncgngga	caagaggcng	ancccaaaaac	ngacagggc	aaggaccenn	180
cagacncggg	gangngnacc	agagcgcggc	cnagcgagaa	acagccngcn	accgnnaggc	240
canaaananc	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaaggggna	aacacaagcn	nagggcangn	360
ncacggggga	cccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	ccgcaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naanggggtc	540
gnaccgggcy	ccantngcca	aagnnggncn	cccncaaacy	acccgggggg	ncnaaacccc	600
cccgggggcy	anccacncan	gggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccgggggca	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaacccgggg	720
gacgncccca	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnacnang	ncaanggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacnncagg	ggnccccccc	nggggaccnc	900
ggggngngcc	nanaacccnc	aaaaaacggg	ggaaaacncc	ccccccana	aaaggcccac	960
nggacnnana	anccccccnc	ccngggagg	nncccnaccn	cccnngnncc	cnangaaaaa	1020
cnanannggg	gnaaaaaccc	cnngggngnc	caaaaaaagg	gggaaacccn	ccgagggggg	1080
nganncccgc						1090

&lt;210&gt; 4855

&lt;211&gt; 779

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (779)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4855

gctaannngcn	ggctactngt	tctttttgca	ggatcccatc	gattcggaatt	cggcacgagg	60
gntgggggnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctannngntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atnctttctg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagncc	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcnaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnaaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaatat	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	natcctcagt	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtnct	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nncttatctn	tcactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggncntaant	tttnaattaa	aatggctnat	720
tntgtgttga	taaaaaaac	tcgagcatat	ttnnaccctc	tngaactata	nttgagtcn	779

&lt;210&gt; 4856

&lt;211&gt; 1776

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1776)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4856

ggnggaggggn	nnggnttttn	naggngngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaannnn	actttggggg	gaaangnngc	tgnaatant	cggcctnnng	ngananagng	120
agtcgngngg	ganagnnggn	tgnnnnnngn	agngatatag	gntanganta	gtananggat	180
anannagca	gngaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnn	anacngtggn	ananantgag	cgnngatnna	tnnntgcaan	ncataagaan	360
tnagnaatgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagnga	ncgnancnna	420
cnnnagnnga	gaagnagt	nangaccnnn	aanggantnc	ngagagggnn	nanaaggatg	480
nnnnannann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
nngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaaggn	600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaaangaa	aatatcacgc	tgannngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanaatct	gatatnaagn	840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnnngnt	ntatnnnggn	900
tanaggngag	agntanantg	ctgcncncna	nannanngaa	tnacgcgcnn	gncgancang	960
nnanaatngg	gnannangan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgtctt	gncnntagcg	aganantacn	ngaatntnt	1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaacn	nngncacggg	gtatnanaga	tnagacang	angagaactg	cnnacaagna	1260
nntannnaat	angtacnnaa	tgngancata	agatnacac	aggtnactnt	atanngnnc	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtnng	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgnnganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

&lt;210&gt; 4857

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4857

gttaatctct	agcnaggctc	ttgntntttc	tgaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaa	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagtga	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgtaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaattc	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgtcaa	tanagcantc	acacaaaagga	ataagggaaa	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858  
<211> 1197  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1197)  
<223> n = A,T,C or G

<400> 4858  
aggggtttac actnctaaaa ttnttgagct nncgntgggc gnaaaggggg cncocctaaa 60  
naanttaagg cccncctnaa aaanaatcag ggannattnt ggggggggctt tgnggggggg 120  
gtcatctatc nnnacacctt aantntatta cncatagata ctcaattncn ntctctagna 180  
natnnnngga tctttntcgg ctntnnancc nctcctacta ttactnctna aacgtncenn 240  
catantctnt ntacacatat atctnanata ctatacatat antntcatan tnttactact 300  
ctnatntctc ntctacatct ctanttatnn ntcnntcnct ntctnctnct tantctcata 360  
tctnnacgac nnactatttt tntctcnntt cctnctntcn cnntnttanc cccnatnann 420  
atctntcacc nttnnatttt naataactcta tctattantt aactatctnc tntttcnnc 480  
nnntnnnnct atnnnncttc tananaactcn tccnctnnnc tntnnnnnnn taantenntn 540  
cnntctctnn tnnnnnnntnn tgnnnanccn nactaanntc ntcnnentcn ntnattanna 600  
nattnttaca nntentccct ncanctnnnn nattntatan tcttnttncn nnttcantnt 660  
anatntntn nctancnntc nntaattcaa nattnatntc atctcnntnt ntnanacat 720  
nacaatnacc nccanntcac ctaattntna tcnacacna cncennctn tancennata 780  
tnactncnnc anttctntnt natctctnnt tnacacactc cnnngantat actntnaca 840  
cttcttatat nntntactg tnatacactc ttacntana tatnnatcan actnatanaa 900  
agcatactat catcttacct nctntnatat accatncacc aatcacttan tntatncatc 960  
tcannacanc tccacatatn actcatcnct aatatgtctc tataatntntn catctactca 1020  
ntcacnnnna ctctntagat atatnctata ctncancnta tatntatcna ttcactcata 1080  
nantanctcn catctnttgn nctatacnat aattgtntct catatntntt tctctacan 1140  
nctttatctc gatntttatc ntgtancnch nntntatcta natatnacat atcacat 1197

<210> 4859  
<211> 767  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(767)  
<223> n = A,T,C or G

<400> 4859  
gaaanccctt ttgttactnn gtnttttttg caggatccct cgattcgaat tcggcacgag 60  
ggggattcat aattccagac aggtagagaa cgggttttatt tatgtagaga cagagtctcg 120  
ctctgtcgcc cagctgaggg ggggagaatc actttgacct gggagggtgga ggttgcgctg 180  
agctgagatc attacactgc actccacctg ggcaacagag tgagactatg tctcaaaaaa 240  
aaaaaannaa aaaaaaaact cgagcctcta gaactatagt gagtcgtatt acgtagatcc 300  
agacatgata agatcattga tgagtgttga caaaccacaa ctagaatgca gtgaaaaaaa 360  
tgctttatct gtgaaatttg tgatgctatt gctttatctg taaccattat aagctgcaat 420  
aaacaagtta acaacaacaa ttgcattcat tttatgttct aggttcaggg ggagggtgtg 480  
gagggttttt aattcgcggc cgcggcgcca atgcattggg cccggacca gcttttggtc 540  
cctttantga ggggttaattg cncgcttggc gtaatcatgg catagctggg tctgtgtgga 600  
aattgttatc cgtcacaatt ncacacacat acgagccggg acataaagtg taaagcctgg 660  
ggtgcctaag gagtgagcta ctcacattaa ttgcgttgcg ctntcggccg ctttccaatc 720  
ggnaacctgt cnggccactt gcnttatgaa tcggccacnc cgggggn 767

<210> 4860  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 4860  
 ngnttttaag atcannccaa ggcgttggtg caggatccct cgattcgaat tcggcacgag 60  
 gaccacctac ggaaaactga ggcccacata agctcgattg gttgtacctc caacagatat 120  
 ttattaagca cctactaaat actgagccca ttgcaagcac caggggaagcc tctgtgaaca 180  
 gcacaaggtc cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 240  
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 300  
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 360  
 gtttctcttg cctctctctt acgttggaag ccacataagt ggattatcaa gcacaagtaa 420  
 attaagcta ccgatgttca ccgtgctcag gaaattcacc attccactta ccttacttct 480  
 ggaaaccatc atacttggga agcagtattc actcaacatc atcctcagtg tctttgccat 540  
 tattctcggg gctttcatag cagctgggtc tgaccttgct tttaacttag aaggctatat 600  
 ttttgnattc ctgaatgata tcttcacagc ancaaattga gtttatacca aacagaaaaat 660  
 ggacccaaag gagctagggg aaatccggag tctttctaca atgcctgntt tntgaattat 720  
 ccaacttctt attattagtg gcttcactgg anaacctgnc t 761

<210> 4861  
 <211> 984  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(984)  
 <223> n = A,T,C or G

<400> 4861  
 tgngnttttt taaaaaccag ctacttntta tnaaggcagg cnaccgattc nnattgcggg 60  
 angancatng attcngcccc ctgcatgatg gtggcngaac tnnntgcccc aagtggggcc 120  
 tggganccca acaaccccaa cangcognen cggtnaaccn acaatatcaa cccgcaaacc 180  
 ccaggagcgc cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca 240  
 caaggttttc tnccanccca tgcccagccc ccanagctac caccaagtgg tgccaanccc 300  
 agcangctac catnaatacc cantccccat ncagggtccac cntacaccgt ntaccatggt 360  
 ctatcaggct atccccancc cgagcncctg ttggctacag gtctatgaca acctgggnagc 420  
 tccctntccc atgggngggg anaaanccca acaaaaactgc tcaaggcttn aagggtattn 480  
 tgaagcngga aaantttcgg gcagaacttg gggtnnacc nacctgggnc antttntaag 540  
 ggtngaaaaan ggttgccggg gggaanaacc ctttactcct tggaattaa cnaacnaagg 600  
 gttgggggtg gggaacaaa cnaacaaagg gggnggggta antccccccc cngtnnggtt 660  
 nnacnggggt tcccccttgg ggggggcccc caaaagggtt ngggnangng ggttnggagc 720  
 caaggnaaat tncnctnttt ncctttnggg gtancccccc ctttaaaact tngggaagaa 780  
 aaagaaactt tnnttcccn aaattgggtg naanagnccc ccaaaagnng ggcaaaaagg 840  
 ttggggattt gngggaaacc ntaaaggggg aaagggggag actttttnaa ancccaaagg 900  
 ganggncttt taacttgatt taaacggggg aaannaangg agggnttnc tgggggaaagg 960  
 anaaantttt tgccaaanaa ccnc 984

<210> 4862  
 <211> 772

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(772)  
<223> n = A,T,C or G

<400> 4862

ggnnnggttt	anancagctc	tngatctcng	tgcacgancc	ctcgtttgna	tgatcnnatc	60
gattcgctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgcatatna	120
tatnatnttg	agacagagtc	tcactctggn	acccanctg	gantgcagtg	gccggatctc	180
ggctcactac	aagctctgcc	tcctgggttc	acgccattct	actgncctca	cctncngagt	240
anctgggact	ncaggcgcc	gccactgggc	cgggctaagt	tntngtattn	ttagtagana	300
cagggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccgc	360
tngacctncc	aaagtgcctg	gattacaggc	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatac	ttttaaaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttgata	atggatagat	nacctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatcccg	nntcagtna	aatctcggcc	nggtgtcaac	cttgaacana	600
agcccctagt	natnaccatt	tngtgnatta	gcctttgggtg	ttnagttttt	caccttggn	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	ttccnacctt	taaccggccc	720
cgnattaagt	tgggggancc	atttgggcct	ttgcngccna	cccnggccc	cc	772

<210> 4863  
<211> 848  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(848)  
<223> n = A,T,C or G

<400> 4863

nnnnnnanng	nttttatnct	cngtnnnn	tttnnaanan	ggnangcnac	tggtncgaat	60
gcaggaccca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtaggggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggctggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtac	taggattatg	ggcatgagcc	accacaccta	240
gccaggcttt	ttatattgag	ttggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	taaattacag	cttggtgtca	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttggtga	tacaagatca	acaggggtgc	tctgattaat	420
ttagctccta	catagcccag	aagcnagttc	attatgattt	agaatattgt	acatgggttat	480
gcaagggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaaccc	cttcngactt	gttanaaaca	600
gtgagnaaag	ccnngattgg	aaatatatta	ttacaaccct	cgtgggnatta	aaatttttnan	660
tttaccattg	ggaatgggta	aaatgctngn	ncattttgna	anntttggtta	aaanccttgn	720
ntccttttaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	attnnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtnccc	ccntatgttt	840
gggggggcc						848

<210> 4864  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1) ... (769)  
 <223> n = A,T,C or G

<400> 4864

tngccttang	gtnncccttc	ccatgcactc	ccacggaaan	gccncccat	cgtangcgca	60
gcatccacat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	agggtgagtc	agtgccttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttctgga	aactcattat	cttttttact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaagggtgt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggccggagcg	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagttt	gagaccagct	nggccaacat	ggcgaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtggtggtgg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aaccaagag	gccaaagttg	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttccg	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	atagggagtc	gnattccgta	anncngacn		769

<210> 4865  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (717)  
 <223> n = A,T,C or G

<400> 4865

ggnnttnaaa	tatcagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnnac	tgctgenctt	cngcgnannn	180
gtnanaatan	tactctgnnt	nngannga	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacncgtnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaa	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgcctatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866  
 <211> 1403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1403)  
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgcccc	cgcttggang	60
gccgttngcn	aacgcncna	cacgcgnnac	nngnncnact	gagacnagca	anggtgncaa	120

nggncagann	acaaggangg	agnctnnntg	nacgcgcggn	ttnnnccggg	ggnancnang	180
ggggggagaa	cnncnccggg	ggnanaatng	ggcgngnnng	caggacncan	ngcanatncg	240
aaagnnnccn	nggnanccgc	agnccggng	acangcgnet	gancnnggan	nnagnnanng	300
agnnaggaga	ggngngcccc	anggagann	gnacggacnn	ggagnganag	ncannncaen	360
cacggngcnn	aaganaggga	nanncnngnn	gcaaaggggc	gagnaannng	ggnantnann	420
ganagangan	gannggagna	gnnnagngan	nannggagg	ncncngnnag	tgcatacaga	480
gaanggcgac	nngaagcgaa	aacgccacaa	nanggcnncc	nnngngcna	cnngganaga	540
ncaacnccgg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgaccnca	gnggnncacg	gggcanacag	nncncgacgg	cngcnnannc	taancagacn	720
cacagcgcaa	aaatggggga	gacatgacaa	nnngacagc	ganacaccac	gacaaaacgcg	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cngcagacagc	nccacacaca	840
agcncagaga	ggnnntacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagaac	900
annaacaccg	acagagcang	agcgnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggncng	nagacannag	agnannagng	atgnggacan	aacggngccg	aanagaagac	1020
gnacanecga	nngaccaaen	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgcgc	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgccccaa	aacagganan	nctgggggca	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggngng	ggagnagcag	ngnnggnna	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcggagngnn	cgg				1403

&lt;210&gt; 4867

&lt;211&gt; 1019

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1019)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4867

gngngnnaaa	nnggctttta	aacatacagn	ctacttggtc	tttttgagg	gatcccatcg	60
attngaattc	ggcacgagg	ccaccgaaga	gggcaccagt	gtcttggtac	ctggactnca	120
catangacta	atnntgntac	tggcaataan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatncta	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttgagga	cactgacttt	300
ntggggccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaatat	360
gntgctcctt	ntngganagn	ccaanggctg	attnccctnt	ncatcttnna	tnnttggttg	420
ancacctaen	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	aanantaccc	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaen	ntagcnnntn	gmnnaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	atthtgaaan	aangataaat	cnntntnnag	600
tnnatcannn	nanannnana	tntgtcnaat	ncnntctana	ttttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	nntcancttn	gncnngtnn	nnnnnattcg	ngtaatatgg	anncattnnn	780
nanataaaan	anannttctn	nntgnangac	nntactanac	aaanttttaa	antnngttct	840
acancccnnt	tttanannnta	nanantcgna	tatgaatttc	aatctcccna	tnntgttnan	900
ataatcaaat	nnanattaaa	tttnnataen	ccttattaaa	acctctttna	tgaagnatcc	960
aattntngat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

&lt;210&gt; 4868

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 4868

tgnnnnnncgt	nagaccagct	tttnaacata	caggctactt	gttctttttg	caggcatccc	60
atcgattcgc	atccctggag	cagcttccaa	cactacttca	gggtggcagt	gtttggggca	120
ctgggcgagc	ctgccggcct	ctagatggcc	tcattctctt	cttccacaaa	ctgtctagaa	180
ccaataaaaag	gaaacctgcc	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	240
gagtcgtatt	acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	300
actagaatgc	agtgaaaaaa	atgcttttatt	tgtgaaattt	gtgatgctat	tgctttattt	360
gtaaccatta	taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	420
cangttcagg	gggaggtgtg	ggaggttttt	taattcncgg	acgcggngcc	aatgcattgg	480
gncccggtac	ccagcttttg	gtcccttttag	tgagggttaa	ttgcgcctt	ggcgtaatca	540
tgggcatagc	tggtncctgn	gtgaaaattg	ttattccggt	cacaaattcc	cgccacatnc	600
caanccgggg	gccttaaaagn	gttaaaacct	ggggtgccta	aagaagtgan	cttaactcac	660
catttaattg	gcgtttgccc	nttaaatggc	ccgcttttca	anttcgggaa	aaccttgtcc	720
ntnccaagct	tgcanttaaa	tgaaattggc	caaacgcnc	cgnggnaaaa	ggccggttnt	780
gccttt						786

<210> 4869  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 4869

gntnatgacn	tnaaactctt	tggcnagcag	gtccctcga	ttcgaattcg	gcacgaggaa	60
tcttctttaa	agtccagagt	ctcccgann	ntggagnttg	tccttcccaa	gccttctcgc	120
ggggagggaa	ttccttcttt	ctgccgcctg	ttacatccct	gtgtgagaag	gtctggtgag	180
ctgagcccac	atcactcgtt	ctgctgcccc	gggtgtgctt	catcttcact	gtggaaaagt	240
cattttgaac	tccccggtga	ctgcaaatta	agtaatcaag	gacagatggg	actgggttga	300
ccattccaag	gagtacagtt	acttgaagaa	tctggaagca	ataccgagca	catttggttg	360
cattaattca	ttggagcaat	aatgctgtac	gtagaaagta	tggtgctttt	ttaaaaaac	420
atcatcagtt	ctgagcattt	gtagcaagtg	aactctaact	tggaacggat	gataaattct	480
tctaaaaaac	aaataaaaaac	cctccagaca	atattatgca	ttgagagctt	taaaaaatat	540
atatectaca	gcatttggaa	aacactttgt	ctggctatgc	cactgcactc	cagcctgggc	600
gacagagcga	gactccgtct	tcaaaaaana	aaaaaaaanga	agacttgnat	taatggagaa	660
acagactggg	cctgggctag	aaatnccaaa	tattgnaaag	aagtcatttc	tttaaaatna	720
atttatggat	ttaatgcngn	cctnagttaa	aaatc			755

<210> 4870  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

&lt;400&gt; 4870

agtgnnttttn	aananacaag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaatcat	60
aatggggaag	gccatccagc	ctcgcgtcgc	gaacgccagc	aagacgtagc	ccagcgcgtc	120
ggccgccatg	ccggcgataa	tggcctgctt	ctcgccgaaa	cgtttggtgg	cgggaccagt	180
gacgaaggct	tgagcgaggg	cgtgcaagcg	ctcaccgcat	cgtggcacct	ggcaagggca	240
tcttggtctg	agatgagtc	actgggagca	ttgccaagcg	gctgcagtc	attggcaccg	300
agaacaccga	ggagaaccgg	cgtttctacc	gccagctgct	gctgacagct	gacgaccg	360
tgaacccctg	cattgggggt	gtcatcctct	tccatgagac	actctaccag	aaggcggatg	420
atgggcgtcc	cttcccccaa	gttatcaaat	ccaagggcgg	tgttggtggc	atcaaggtag	480
acaagggcgt	gggtcccctg	gcagggacaa	atggcgagac	taccacccaa	gggttggtatg	540
ggctgtctga	gcgctgtgcc	cagtacaaga	aggacggagc	tgacttcgcc	aagtggcggt	600
gtgtgctgaa	gattggggaa	cacaccctc	ncccttgcca	tcattggaaa	tgccaatggt	660
ctggcccgct	tatgccagta	tctgccagca	gaatggcant	gtgcccacog	tggacctgag	720
atcttctctga	tggggaccat	ga				742

&lt;210&gt; 4871

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(846)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4871

tttnaaatcc	cagctctngc	agnanttcaa	gtccnctttt	ctaattcttg	gcantctgat	60
ctcgcnegaa	nnnnntnggc	ncgagantct	gcnctacaac	ngacaggatt	gntagaacnt	120
nnnnngtcng	gggatntng	aatantnnnt	caacacnngt	gatacgcntg	anctaacagg	180
tgggtgtttt	antataccna	cnnaaatagc	angatgcgac	aacantcctg	naacngtctc	240
ttntcaaagn	caactggcct	ggaaggctac	aagtgtcnnn	aaagattctg	ttcagaatct	300
agccacagan	ataaaggatg	gacaaatacc	tgngacatag	tctnctcana	gacanccaag	360
ccttgaangc	tcaggtgatg	aaaangattn	tgtttcgaat	ntanccanga	gaaataaagg	420
atgganaaaa	ntctgggaca	ntgtcttctc	agaancaatc	ngnccatnaa	ggttntatct	480
nacangaaa	ttctcntttt	gaatatttgc	cacacnga	aat	tgngaaatct	540
nnaacagagt	atnctganaa	tntgcccanc	cntgnaangc	tacaattgaa	aaataataan	600
ntctgatctg	aaatacaagc	caccaaatag	naangattgt	acnaatcatn	cncaccacgc	660
agcaacann	acttnatgaa	atggccatcc	annnnggaaa	accanaagga	agctttgnna	720
nnaatntgca	atanattacc	cannennaca	aggttgaaaa	aanccanaat	tncattnctn	780
agggatggac	cctttgntng	accttaaatt	ncagtccttc	ctcnaaaaccn	ttcttnaaga	840
aggnn						846

&lt;210&gt; 4872

&lt;211&gt; 717

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(717)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4872

ggntttnaaa	tatcagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angetngagt	gcagtnagct	gtnatnnac	tgctgcncct	cngcgnannn	180

gtananaatan	tactctgnnt	nngannga	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtc	attnttncat	cctatcacia	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaaac	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnt	cactgcttaa	600
tentactaga	cntatncatc	tgcttatent	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

&lt;210&gt; 4873

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1194)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4873

ccccacnnn	acncaacacn	cancacnna	ncncnannnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	canccccaac	acncaaaaca	nccnccccac	cancnnaaan	gggcccncac	120
cancctgtca	agcnaacgac	ccacnacnaa	gcngccgaga	agctncaccn	nacacccaaa	180
ccncatacag	ngggcngggc	aagcnggggn	cncatngggg	nggggaaggg	ngcccggcgc	240
ctanccnnn	nccnggnnn	nacaggngna	ccanatnggn	ccanccccc	nacnaccang	300
taccannnn	nncacgnnaa	caccnnncca	anacacncc	catcnaangc	anaaccgacc	360
anangnacct	accnaancan	accnccana	gcenacnna	gcnnacacac	caaccccccc	420
anncanggnc	accnacngca	aagncnct	cgcnnngatc	accancantn	ncnaatacan	480
cacnancnac	cacnccncaa	anacnaacgc	ttanccccc	cgacccca	cnaaagaccc	540
ananagcaca	cacntggnaa	naaanana	cancgcccc	cnanncccaa	naangcgenc	600
nccaacacan	cnaacccan	ncacccnaa	accncannn	cacnggcgac	annnggaana	660
cncccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacnncg	ancnnaccn	720
naaanaacan	annnnnngca	nnnanaaaac	ccnangnnc	tacnngcaca	cactcnccan	780
accagntnnc	acncaaagc	ncacnaccac	ncacncccc	acnacaccna	cgcncnna	840
cccaccccc	accganacna	gcccaaacgn	nccannacn	ccaangnaca	nnccaagcgn	900
cacacncac	acgacncana	ccnccnna	cactaacnnc	acnnnnnaca	cnnnnccacc	960
cacanagc	canacnnc	cancnagaa	ccacacnna	acnacnnanc	tnnccctncc	1020
anncngcnn	ntnnccgct	cgcanaaa	nancccncca	acacaaancc	naacacaaca	1080
cntnccccc	tnaanana	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc	1140
aancaacacn	cacnacanta	cagacnctt	anannancnc	cnccacaacc	nccg	1194

&lt;210&gt; 4874

&lt;211&gt; 719

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(719)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4874

ggtttttnt	cacagctact	tggtctttt	gcaggatccc	atcgattnga	attcggcagc	60
aggtactttg	agtggttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaataacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggg	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagnen	719

&lt;210&gt; 4875

&lt;211&gt; 719

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(719)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4875

ggttttttnat	cacagctact	tggtcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaagggagt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaataacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggg	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagnen	719

&lt;210&gt; 4876

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4876

ttgaancttt	aatntnnacc	cctttggaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttggg	aaccatgggt	ttgaacagaa	gatacgcata	120
tggagtgggg	aatggaaaga	aaactttgtg	ctacattttac	tgtaaattat	atcttattga	180
ttcagtaaat	tcaggtggaa	tacgggaagt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tccaccgccc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgcccgacc	tcattcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtgtt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaaagt	attctcaaac	tagacggtga	540
tgttttaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactctnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720  
gctgcgga gacagaaaa naagggaac caacaaacat n 761

<210> 4877  
<211> 687  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (687)  
<223> n = A,T,C or G

<400> 4877  
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ttttagataa tgctactgat tttgtacgt taatcttctg atcctgaaac tttactaacg 120  
tcatttatca ggtcttttgg agggattgtt aggggttttt taggtttaga atcatattgt 180  
gagtgaacag agataatttg acttctctct tttctattta gatgcctttt gtttcttttt 240  
cttgccccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300  
gcatccttgt cttgttctta ggggggatgc tttcaccttt gccattcag tatgatattg 360  
gctgngggtn tgtcatagat ggctcttatt atnntgagag gtatgtcnct tcantgccta 420  
gttagttgag gatttttatc atgaagggtt attggacttt atcaaatgct tttctacatg 480  
tattgagatg atcatatggc cntgggntta atctggntta tgtgctaaac ctattccan 540  
atcaaaaana angatttctn ctaacacatt ctacgaacca gttcacctga accaaatctg 600  
caaggcncac ancnaatnata aaaaaaaatc gctntaaact tnnngnnata ctaaaccaac 660  
tganagnnct gatnagttgn caccct 687

<210> 4878  
<211> 724  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (724)  
<223> n = A,T,C or G

<400> 4878  
gnangctact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60  
agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaaaca aacgaaacaa 120  
aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180  
aagggttttg ttccattcaa ctccacattc attgtgcctt tacttgcatg agatttctgt 240  
gctttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300  
ctactcttgt ttctggcaat ttagtgggtt cttctcttag tggctctaaa tctcattcca 360  
ctgggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420  
tgccctccat ggaagtcaca gtnaactctg aataaatgac tagaatgaca cgtgtgcgtg 480  
ccgcacgcgt gtgcntgtgt gtgttcatct gtctgcatgt gggatcaatt tcttttagaa 540  
aataatttat tgnatgattt attttgggag ttatattctg attacagngc tccttnttcc 600  
aaatagcatt gatttttccc ccttnaaagn ataatctggt ctcagggttg atctttnnga 660  
catntctctc tctggatgcc atgcagttaa ttaaacctt gcttaaaaca aaaaanaaaa 720  
aaat 724

<210> 4879  
<211> 925  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (925)  
<223> n = A,T,C or G

<400> 4879

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tttctnagca	ggnnngccatc	gnnnncaatg	cggcacnngg	nggtanccga	attcggcacg	120
aggggggacaa	ggctataaat	atcattaata	ccagggttcag	gagtttgac	tgcactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	ggggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncaggggtta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agccccatgt	agttggtgca	ggtggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cgggtggctna	cacctntnat	420
tccagcactt	tgggaggtca	aggggggagg	aacacttgag	gccngagaca	atataatata	480
taatataata	tattggccag	ccttggacaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtggngng	gnacaatacn	ctgtagtcct	tggcttanct	600
ttgggggaang	cttgngggca	aggtggnatt	tgttttgaa	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcggtg	ccncttggn	atttccnacc	ctgggggtng	720
ggaggaaaaa	aacccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	taaangngng	840
caaaaaaggg	ggggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttgngngt	900
ngggaaaaan	tttnaaaaanc	ncnct				925

<210> 4880  
<211> 1170  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (1170)  
<223> n = A,T,C or G

<400> 4880

ccnannncna	nccnnanncc	naanngannn	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacnncacnn	aanancnnnc	gcnnannnan	ccnccnnncc	120
nnnacactc	nnnccnnncn	anngnncacc	cnnnnccnnn	nnnncacnnc	anannccnc	180
acnancceca	naacncngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctnnc	accaccaccg	ananncgnac	ncacngcccg	nnnnagence	agnnncecca	300
acnncnate	centnecnc	gaacnnncta	ncnggggggg	ngggggcggg	ggcangggng	360
aancgnngnc	cancecgccc	acnccnacnn	acacnncccc	anaccanncn	ccnnnacnnc	420
aancccnnc	ccatacnnc	naccganccc	nnannccna	cgcaccncca	cnnngaccgn	480
aancnnaaac	acacacnac	accccgaccn	cnnacaanac	cncncacnca	nnnnnnccnc	540
nacaaaaccc	acaccgccnc	ccncaanccn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgncna	ancccnccac	acnnncccac	cnccccaccnc	gacnnananc	ncnnnnccca	660
ncacgccnan	accaccnaan	nnccccnccc	cnccccaccc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccan	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgncnnnn	ccctacaccg	annnnnnnna	ncnanannac	antncnacn	ccacaccaat	840
nccgcagcag	acatcgcan	cacncagccc	ncanacacna	nccnnaccac	caanacntna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgncacac	nnacaantcn	atnccccac	960
gnacnnctca	nncacancga	ncaatacana	ncacganaca	cancnacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacncnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacncng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881



<211> 795  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

<400> 4881  
 gnnttttnaan ntttttaaatt tatacanctt nttgttcttt ttgcaggatc ccatcgattc 60  
 gaattcggca cgagggtaga ctggctaggg atcctggacc cagggttcca cgtagcaaca 120  
 cctgctgagt tctctgggtt ttcttcctgc ctcatgtagc ccagacttgg agctgaagaa 180  
 gctggaaaaca tggaaacacc aacagctaca gacaaaaaaa agtcccaaca aaggcctgtc 240  
 agtctgccag cctgttctgt ggatttccaa ctcaagatgg cagcatcaac tcacacctga 300  
 agttctgggt tccctacaaa ctttgaactt gccagtcccc acaatggcat aagccaattc 360  
 cttaaaatga atgtctagtt ctagataatg tgtgtattct actggttctg tttctctgga 420  
 gaagcctact aatagatcat ttgtcttaat caattcaagc tactgttaca gattaccata 480  
 gactgggtgg ttaaaactac aaatacttat tactcacagt tttggagtct ggaagtctga 540  
 gatcangttt ccagcaggat tgagttcttg gtgaacatcc tcttcctggg ctacagagta 600  
 ctgngttact taagtggaaa aagtagggtg agctggttct tttggcctct tcttttangg 660  
 gactaattca tgagggctnc accctcatga cctatttacc ttccaaaggc tccatctcca 720  
 aataccatca caatggggga ttagaattca acataggagt tttgggagga cacaacatt 780  
 tagtccttac ancca 795

<210> 4882  
 <211> 789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 4882  
 ttcaaaccag cttttganct tnttgcagga tcccatcgat tcgnntcaaa canagnattg 60  
 tgatattgtc aaagagaaaa acnaatcctg aagatacatg gaaatgtaac ctagttagg 120  
 gtgggtatth ttctgaagat acatcaatac ctgacctttt ttaaaaaaat aatttttaaaa 180  
 cagcatactg tgaggaagaa cagtattgac ataccacat ccancatgt gtacctgcc 240  
 agttctttta gggatttttc ctccaaagag atttggattt ggtttttggt aaaggggtta 300  
 aattgtgctt ccaggcaaga actttgocct atcataaaca ggaaatgaaa aaggggaagg 360  
 ctgtcaggat gggataatth gggaggcttc ttattctggc ttctatttct atgtgagtac 420  
 cagcatatag agtgttttta aaacagatac agtcatata atttatctgc acagacttag 480  
 accttcagga aacatangtt aagccccctt ttacaaagaa aaagtnaaca tacttcagca 540  
 tcttgagggg tagtttcaaa actcaagttt catgtttcaa tgccaagttc ttattttaaa 600  
 aaataaaatc tacttataa aagaaaaggt gcatttctta aaaaaaaaac ctttaaanga 660  
 aaatgaaaga agaacccttt tncangatac ttactttgan gactgttttc ccttttttna 720  
 tgagatatag cttaganatc ggcgnggggn atttctttan taatnctctg ggttttggat 780  
 ctggccttg 789

<210> 4883  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(732)  
<223> n = A,T,C or G

<400> 4883  
tcnctntcat ctnaacnctt tgcaattncc ctttttgcag gatcccatcg attcgcccag 60  
ggccgncctgc ctgagcctnt ctgcagctgc tcacnttttg ctgaggcctc tgccttcaga 120  
gctagtgggg cctgctcaca cattccagcn gttncctctn tatttgnctt gaaccaagtt 180  
gtagaattta aaggaggtga agnaaggcga ttncctatgga aaatatattg nncttcttta 240  
ctcctcatgc tnaagtgcata anaatntatt atntcccttg aatgttcaaa gtggtgtgtg 300  
tgtgtgtgtg aaagaaccag gagcaaacaa tcttaatagg aatgtgcgat cttgcgccta 360  
tcttttagcac acttaattag ctacaaccgc ggactgtngc catttgaaca aattgntaac 420  
aaaatctgcc atgttttgc ttttttcaaa aggaangact cnaataacca tagcaacact 480  
tactcagntt tgtgatccac tccaagatta tgggagcaag aacagatact cctgaaagca 540  
accctcacct cctnccccgc cccctgcctt cagcaagtc tggcctgtgt gaactgaagg 600  
gtttggaagc tctggtttct aggagtgcc agaagcttga aagactaggg tgtactagtt 660  
attgangggc agttgtcant ggcagtgtgg gggcacccca attngtattc canggcactg 720  
cattgctttt tt 732

<210> 4884  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 4884  
gantggtcga actnaacct ttggaaantc cctttntgca ggatcccatc gattcgaatt 60  
cggcacgagg gccactccgc ctcttccctc ccttcntttt ttcttctctt cctttttttc 120  
cttcttctct cccctcctcg ccgccaccgc ccaggaccgc cggccggggg acgagctcgg 180  
agcagcagcc aggtagaact ttagacttca tagcactgaa ttaacctgca ctgaaagctg 240  
tttacctgca tttgttctact tttgttgaaa gtgaccatgt ctcaagttca agtgcaagtt 300  
cagaacccat ctgctgctct ctcagggagc caaatactga acaagaacca gtctcttctc 360  
tcacagcctt tgatgagtat tccttctact actagctctc tgcctctgta aaatgcaggt 420  
agaccctatc aaaactctgn tttaccctct gcactctatta catccnacca gtgcagntgc 480  
agaaagcata aacctactg tagaactaaa tgccctgggca tgaaacttgg aaaaaaacca 540  
aatgtntaag cntgtttgaa ccttactctc gggatgcagn ccacctataa ctaccaaaca 600  
tggagnangg aaggaggttt aaatccccc nnggnnactt tttncccant ttctaantcg 660  
cnanccttn cncttnnaaa ngngatnncn tntangcng nnggccagca natntcannt 720  
gnantaggnn nancccnncn tctngcnga ngaacnnncn cnaactcccg 769

<210> 4885  
<211> 719  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(719)  
<223> n = A,T,C or G

<400> 4885

gtcttgcctt	cnnaaaccct	ttgcacttcc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcat	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggctatgggt	420
ttgatcanga	acttttttga	aatgaaaaag	ttcacaaatn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	caagtataata	anacaacaat		540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnacntt	ttgaacttt	719

&lt;210&gt; 4886

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(783)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4886

agnaggntt	tcagaaaagct	ggnnnaggna	gcnggnagan	gcnttgaagg	cccttgctaa	60
tngettggaa	agctccatct	anagagnngg	anggtnggga	gcncgnnaaa	catgcngnaa	120
canctctagg	aagtgnnga	ctgatacaag	ctganatggt	gnntnatgga	nangatcnca	180
cngaattgat	tgctgtgaac	acngtgnatn	ncnngaacca	gatnaanatg	tnatatggaa	240
cnattacanc	antntgcact	gaagcaagct	ggccaagcan	gnetgcatgn	ccgaanattg	300
aataatnctg	ggcanatgg	actaanatta	aaaagccana	nnaantgnnc	tgaccaaca	360
tacatntgac	tannnggatg	acttgggttc	aacgancagn	cntgatagat	gaaaccncg	420
tttccctnta	agattgggtg	nccatntncc	caaaaacttt	atnnctgtgg	caganactat	480
ncntaaaagc	gncttgnnna	gggttttnaan	gccntanna	atcaccangc	nctantgatt	540
cngtgatgcc	atctgccaac	taggaggcnc	anctnaacnn	ctacnttaag	cactnnattc	600
nncttgnnt	cagggntttt	aancnagntt	tgataaggcn	tgaanctggg	cacctctnca	660
agaattagta	canaaaactg	gatnnaaaga	ccnnatnaaa	ggncantcta	ngaacacagn	720
ntccncccn	gcttaatnca	ttggtagaac	canctcaatn	gntatccngt	nantgnacna	780
ctn						783

&lt;210&gt; 4887

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4887

gnnnngnnnn	nnngnnnnan	tnnnnggnnn	tttgcnaata	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattnggcnc	gagctcngac	cttatnanca	gcatnacgca	120
tgactaccac	ctgnatganc	aggatgctga	gggcccggctg	gtacgctgga	tcattcncat	180
tagtncccga	aagagccgtg	cttggcnaca	gactccgagg	gtcgttcaac	tnggctgctg	240
tcccaaacgc	tgctgacctt	gacagtggcc	atganaccat	ggngggctca	ggtcttactc	300
agnatgagct	gacagtgcac	atctccnagg	agacgactgc	agatgccatc	gcccgnaaagc	360

tgaggcctta	tgagagctcca	gggtacccag	caaagccatg	actcatcctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gccactctg	gntcctcntg	ncttggctga	600
ctggnttctg	gaccatgtgc	atttcactgg	nccatgggat	ctacatctct	tgcattccca	660
nctggctgat	cctgccangg	nccgttnct	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

&lt;210&gt; 4888

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4888

tttggttggcn	ncntagtnan	nnngganana	cntcntnget	ctanaagaat	tggttggtn	60
engcaegang	agatgtgtcc	agtgcacct	gtggngtgtg	antagaaacn	cctgnggnnn	120
aagtgactnn	gtnggnccnn	ctggcttcgt	gcangangnc	tcgtnactgn	atacgaccen	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnetgctg	tgaggagtctt	240
tantcccaca	cncnggacan	gctggtnanc	tncaactgtnc	nngatgatgc	acaccengac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatgggtg	aagatnccen	ccgtgggtccn	360
attcttntctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtggtgn	acatntaaca	gatncnacac	tgtcttacia	ngggaccacc	nangattngg	480
gtctctacia	nagancnnac	nntgatecct	aattattctn	agggcctncc	gttgnntttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaaccn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	ttccnnccaa	tgccctcgga	agntggncct	ttnnccacnaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaataa	ggcccccctt	ggcttnatct	780
cccttaaact	ngatnnncng	tgcnnncg				808

&lt;210&gt; 4889

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4889

tncttaantg	gcttggcnac	tngttctttc	tncaggnagc	ccatgcgatt	cgaattcggc	60
acgtagggtca	gacatgaaaa	ctatttttaa	gctgactttg	ntgccttata	ttgaaaagaa	120
tctagatagg	tgtctttaac	tggtgtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttta	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcatttttcta	ttcaccatcc	tttactatta	300
anggaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttggtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtctgtg	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtggmata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggtg	tngggccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720  
nttaaaa 727

<210> 4890  
<211> 748  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(748)  
<223> n = A,T,C or G

<400> 4890  
tttctactaa ttgcttggtt acttggttctt tttgcaggat cccatcgatt cgaattcggc 60  
acgagcntng cttttcttgn nancagcagt ttttcngnac anatttgctt tntnttacia 120  
aaagannacn naaatgctgt tgtnttaaca tttcagaaca ganatttggtt tgatgtgatc 180  
agtgtttggg ggttaacttt gcgttaattc ctcaggcttt gcnattttaag gaggagctgc 240  
cttagaaaann aaataaaggc cttattctgc aatantngga ntgaaccaat attctataga 300  
acatataggt acagctgata tcgtgtatat ntcccttana gaatagctga acaccttgag 360  
ccttaanacg gagctgntgg gaaacattan gcactctttt atgcgtttac tcctgcctnt 420  
gcttggtcact gcantcttaa ganagattca aaaggctgcn aangaganga aatctgttcn 480  
nggaatgttt cacnggccna taagatgcnc naanactctg tntctngatg tntgcctggg 540  
cccnatgtgn aaggnaggat gcctgctcgt tcttgcnctt ntgcctctna gnacacnalc 600  
agtnnnccct tcaagacntt ccacttgntt aanatattta tnnatgncan gganaaggct 660  
ttaantnnat nnggacaaat aatgcttttag tttntttttc caaattaggc ccttntttta 720  
aaacaagggt ggntgnannn tccctcna 748

<210> 4891  
<211> 748  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(748)  
<223> n = A,T,C or G

<400> 4891  
ctncttaang gcttggtcann tcnttttngc ncgcanccca angngnntgg gagccactgc 60  
gcccggccaa ngacactttc aaatactcat gatnggatat gcctctgtga ttgacagtga 120  
gcattttcaa tgggttaaag attgctctgc aaagagggtta actgtngaga ttgatacagg 180  
ctatcttcaa catatgtaca ttgctgtata tgacatttac ctaccattgt gcatctggga 240  
cttctgatg gaccacagga attccctttt cttcccatc tcttccagat ctttcttcta 300  
cttgaaaccc cttatctaca aaaatgaata aacaacccaa tctcatttct gatcngtcc 360  
tggaattgat ctaaggcaan gtctggagaa gtggtgggag acagcanaca gctttngtta 420  
agtcttctaa cccagcact ttctcagcct catctgngng ttctgtctc actctgcaga 480  
cctcacttna caatgctctt cagatccttt aatgaatagg aaattgattt tgggtatttc 540  
tatnaaatac agcagagtct tagaaacttg cagtggcctt nanangaaag aacccttct 600  
taactncctg gccagattna tctttctttt atgggntcna acactaactg ggaanttttn 660  
cccatgggan ggtatttgng cttttcagac tggctttttg nngaactggn tttggaggga 720  
cataaaccgt aggactggtt atantttt 748

<210> 4892  
<211> 714  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

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gcacgaggtc	tcataacct	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcgggnaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	anancctnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nngctgtgna	300
ggaagtntn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaaagaatn	tggtgcnnca	naatgnntaa	480
taattntacn	ngatngaacg	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	cagggttttac	tttngcagg	gcantncnnn	atntntcnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gccaa	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agngnntnnn	nggttctnnc	tctctngna	aacccttaat	ggcttggcta	cttgttcttn	60
ntgcaggcag	cccatcgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctccct	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtcg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctggtcttga	gaccttttca	ctgnggtctg	ntctggtgta	cggctccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggectccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngna	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggtcctttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccct	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttattcc	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

```

<400> 4894
gncaggctct tgttcttttt gcaggatccc atcgattcgc tagactgcta tgantagtga      60
tgancancat ctcagnctgc caagggagaa catgantccn catgaacaaa ntnggttccc      120
tgancagggg gaaatgnaat gctgagactc acancaggng gtgcgnnta nngacctntn      180
nctgnannga nanantgnag gccacnatac actngatgan nnaatggact nnctcttnaa      240
agtgtctgna ntgtctctgc cataantata gtanatatna canttgcent ggtccnnctt      300
ctacctnaga atgtctgtgc ttacgtctctg tcttcccana tctcccanna ntgggaann      360
tctgaggtca gagggcaaaa ngagaacctt ttaattctga ntctgacata atcagatctg      420
gaaccagttg nnaagctgta anacttatgc angcgtaagg tggttggtgg ttttaagcent      480
atgntagctg tggntntcta aaanantntg aatntatctc tgtcatagn tttgacctgc      540
atgtgcta nngtccnta anggatgtgg ngannntggg anttncccca tgcattccna      600
gngtctnggc cnntanaaac cnggnccaat tgaagttcaa cntttaactt tnggcctgta      660
naggaccatt tggccatngg tgnccctgtt taaagggaac gaatnttgng aatncgatta      720
agccatttnt aatttccctn nttggccttn aatccccent ggaattcttt nncngggaac      780
ccctttt                                     787

```

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(863)

<223> n = A,T,C or G

```

<400> 4895
nngtcnctt ttncaannnc tngganaccc gttctttctc nanacannaa gntctnatgc      60
tgnggcacga ggtctcnagt ttttttntt tgntngtnga nacaggctcg ctctgncgcc      120
cangctggag tgcannggcg cantctcggn tcactgcanc ctccacctcc cgggttcacg      180
ccattctcct gcctaancct cccgagtagc tgggattacg gccgccncc accactcccg      240
gctaattttt cggatttttt agtngatata gggnttcacc gtgttagcca agnatgggtct      300
cgatctcctg acctnttgga tccacccacc taggccttcc aaantgctgg gattacaggc      360
ctganccact tgcgcccggc acattcaggt tcttatcaan gaaataaccc agactttaat      420
cttgaatgat acnattatgc cccaatgttt aagntnanaa aaatttcctt aaaaaggtta      480
tctttaaaat nagnatcttt anngcnaaaa taccgaagct tgatggaaag gccatcttgg      540
atgcecttnc attcttgtnt caattccatc ttcccaaana nccaggttcn aaantaaccc      600
cctttnttgg ttggggcnat atgnaaattt tttaaaggga gttnaattcc aanatggatt      660
nnaaaccaga ctgccttgaa ttgganaaat ttnntgatttc cttcaaaatt gtggtttctt      720
ttctaaantt ggctggnccc ttaatttgga ttaatttaaa tccatgntat tattgattaa      780
atctngangc angatgaaac tttaccagtn ttggaaatta attactaant taatcncnaa      840
tatntnnaan tttttccttg atc                                     863

```

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

```

<400> 4896
ttnttnnttt caaatttcaa atnctaggct actngttctt tttgcaggat cccatcgatt      60
cggtggaact gagtgcact cgtaagaatg ccagcaacat ggagtacagg atcaataagc      120

```

cgagagctga	ggattcaggc	gaataccact	gcgtatatca	ctttgtcage	gctcctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccaccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccatgga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cgggaagacc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tcactgtcct	caggggtgcg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catccttgng	gtgatcattg	ttgtgtatga	gaagaggaag	aggccagatg	600
aggttcctga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgccca	tagaaacaca	aattaagtac	tgcttacaat	atctttangn	720
tcc						723

<210> 4897  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 4897						
gtttannacc	agctcttgnt	cnttctgcan	ganegatncc	atcnatnnnn	attccgnnen	60
agggggctga	ngcgnccgag	gacagctcgc	gatgagnggn	cnacgaaggc	tcntctgnac	120
tggnnncann	gtnnanngnn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnncan	nngctactga	240
cctnccccat	gtncnctgc	acgtagttag	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtccctgcag	ctggtncana	ctgtctgngc	anctnncnnc	ttgcagttgn	360
accttnnggn	ccttggttaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggctcttantn	gatgnnanct	ngatgntggn	caaccttntg	gaatgacctt	600
natgagctgg	anccatgaaa	ganattgnon	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tncttngtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	acctttcatg	gntnttgtgn	t	771

<210> 4898  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 4898						
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tcggcacgag	actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	120
ctcagacacg	acttgaaggt	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgtcattgcc	attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	240
agaaaagaga	agaagggtgg	aaagaagttg	tacgaaggtc	aaagaaattg	tctgttccag	300
cctcagtgg	gtcaggagata	atgggaagag	gaggatgcaa	catcactgca	atacaggatg	360
ttactgggtc	ccatattgat	gtggataaac	aaaaagataa	gaatggcgag	agaatgatca	420
caataagggg	tggcacagaa	tcaacaagat	atgcagttca	actaatcaat	gcactcattc	480



```

aagatcctgc taaggaactg gaagacttga ttcctaaaaa tcatatcaag aacacctgcc      540
agcaccaaat caattcatgc taactttctca tctggagtan gtaccacag cagctttcag      600
ttaaaatgca ttttctttgg gtgctccaac tctttgnaac tttacangng aacaaccgtt      660
ttctacngtt tcaanccnt ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa      720
aanaaaaacn nt                                                              732

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<210> 4899
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 4899
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atnccgcnog agcctgtgtg ggggtgcngt acattgcana cgctctagng acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngnctanc ancggnnccg gnggatcaag      180
aganacngtg tancnctcng aggatataac tnnncaagat ntactactga tgcancnat      240
tntngccttn nacntgnggg cattacacnt gctnntgatg ntagnntnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgcc aactgtntacn      360
tntggactct naaagcta atgtgacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnnatgng ncntttta atgacnttatn nnnnagatcn ctcactttnn cnanagggct      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tctgtggnn atnaaggntt ttgaacactt gcaattattt gaattaattc agcncctggt      600
aagaactncc aggaagtcca cananagant ccattntggt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggt      720
caagntnctc acttngcagg nctgaattac c                                                              751

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```

<210> 4900
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

```

```

<400> 4900
gtcttgtcct cnnaaacctt ttgcacttcc tcttttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtnnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaaagac agcacctcag aattagtaac      180
tacttgcat ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgt aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaaa      660
atantnaacn ncantacccc ctctnngaaa naaaaaaanc tcgnacntt ttgaacttt      719

```

```

<210> 4901

```

<211> 719  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(719)  
<223> n = A,T,C or G

<400> 4901  
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ggcacgagag aggggtgggt ctggccacat aggttnctct gtggctctgg tctggggtta 120  
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180  
tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca 240  
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana 300  
atgaaccatg aatacttaag aaagggaaag taggaacagg gagcagagca aagcataact 360  
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt 420  
ttgatcanga actttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg 480  
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat 540  
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc 600  
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan 660  
atantnaacn ncantacccc ctctntngaaa naaaaaancc tcgnaccntt ttgaacttt 719

<210> 4902  
<211> 779  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(779)  
<223> n = A,T,C or G

<400> 4902  
tcattcnnt nctagnnctt ggtgcgganc cntcncttcg natteggntc naggtcttca 60  
ctgntggctg gttcccaagc aggantgncg agctctggct cnttcaaaac tnaaggctcg 120  
cttgaacntg acntagactc ctaatgcctt gtttgcnena ctacngaacc ntncnataga 180  
catcgnnnnn tcngatngtg acacagnctt ngncnatenn tatacngnnn cngnctntat 240  
antaaggntt ntnggantnt ggacgnacgt ngtnagatg natagactca gactcatctg 300  
atgtgatgat aagacagaan tggagngccn gacntgantt gtctgcagga tngtctgaa 360  
ncnnatgtnc ctgtgtgtga tcttaaagat gtgaatgctn tnagncnnat nnccttaatg 420  
nntgnnacga gttcgacaag atttgcgatt gacttccana cntaenenn tgntgntcct 480  
gntagatggc tntaaanact tggntctccn atgtggatcat atggagaacc ccttntctng 540  
ncgancnttg ntcangcctn gntttttcnc ctggaagnag gntcccactt tnggcttgc 600  
caattngggc naatggcatt nncctttttg gggngncncc cnancttggt nggttnaacn 660  
ttccntaagg gccaaanaanc cnttttnact ccccttttnc ctgcccantt ctcaatccac 720  
ctntnaattt ccnaagngg tttntaaaac tntnaaacct tttcnanaaa gcccttnt 779

<210> 4903  
<211> 779  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnntt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnchna	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnncn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gnctttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nccctttttg	ggngnncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cnttttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	cccnaagnng	tttntaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4904

tcattcnntt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnchna	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnncn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gnctttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nccctttttg	ggngnncnc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cnttttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	cccnaagnng	tttntaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttgg	ggnactngt	tctntctcna	ggntgccnng	cgtttcgcaa	60
aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagat	tttgcgatatg	cttgcttctc	tagggaagaa	240
ccccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccagggccca	tcaatttcac	300
catgttccctg	accatgtttg	gtgagaagtt	aaatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaaccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaannccat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaacctt	cccnccttt	tanaacntnt	gnatttncaat	taattttaana	660
attttggccn	tttttttttg	ggggtttntt	nccanctttt	tncctttgnc	tttgggttaan	720

&lt;210&gt; 4906

&lt;211&gt; 1593

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1593)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4906

ttttttggna	aaaaancccc	caaantance	aagggccctt	aacctttggg	ttttcttttt	60
ttttnggcca	ggggggaatc	cccccnatnc	cggnaat	ttt	ttt	120
gccaaccgga	aggggaat	ttt	ggttaagncc	aaaagg	ttt	180
aaatntgggg	ctctttcnct	catcnanggc	actactncnt	cgetcntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	nctacntacy	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntectact	360
cctacatatn	gacncnctga	ntnttnnctn	anacnaancn	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntacn	ctacnnatnn	ccatnattat	cgtctnattt	540
anccttnnat	ttactacang	antgntctat	catnctcnna	tancnacnch	tctnnntccat	600
actnncnatt	tgacnacnng	ancatngttg	ttctccntat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacy	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtncgnacn	780
tanacatcaa	gntnacatac	ntancngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	ccctttatga	900
tactaccaaa	ancatncgnt	ctacttctct	cactccntac	ncatacnant	nttgcattnng	960
cnatencacg	tannnnccca	cactatagct	annnttgntc	tenttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnetctgtng	tnaaactcca	cgcantntaca	1080
ccgctcnnaa	ntccctacc	canctnnctn	tatcccttcc	nnnnntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgteccctttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactncgnn	tctanantea	tcnanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttncctn	cctcncatgt	nttanencaa	nacactntca	1380
tncatgcann	ttcnatacna	atactannt	acatntcatn	canntnnatt	actnaangac	1440
atanengcca	tatatactan	gattgtaaca	ttcatnanna	ncnnncngnat	ntacacntta	1500
ttctctatat	natactctgn	atntcacnnc	ttctntcnat	ctntacnann	tcangtttnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

&lt;210&gt; 4907

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4907

gnncttngaa	tttaannccn	ttngctactt	gttcttttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttcctgat	atggcnggct	atcctcacat	gtcgttacat	tncatcagga	120
ttggatggaa	catcattcag	aggtectttc	acgggcaatt	ttgaggaact	gattcatttg	180
gaagaaagat	taggcaatgt	caatcgtgga	gcacccang	ggacaattga	aagatgtaca	240
tatccacata	aatacaaaan	ggttacaact	gattggttct	cacagaggaa	actgcactgc	300
aaacaagatg	gggaagaang	gactgaggaa	gacncacagg	aaaaatgtac	tatctggtng	360
nctatttttg	aggaagggtga	agatgtgaga	cgtcttgcat	gtatgcacct	tttccaccaa	420
gtgtgtgttg	accaatgggt	gattccaata	agaantgccc	catatgcaca	gtggacattg	480
ngcccactctg	ccaagtga	gntgacacca	tgtttnaaa	ctnttgcctt	ccctctcatc	540
ccattacttc	ctgntgctgt	acttcaacnc	nnagatggca	tgacttacct	gcgcagattt	600
ggaagcattg	naacttataa	tgctgnctnt	gctatatggg	acaacttatg	cttagaccta	660
cagtttatgt	atcaagtggc	tttgangtnt	tatnaaagct	ttttttctag	attgacnttt	720
tcngctcant	tactggttnt	tgcnnngtc				749

&lt;210&gt; 4908

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4908

ttatnctgtn	nnnnTTTTna	aannatagct	acttggttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagccgga	acaaggacca	ggaggtgaac	ttccaggagt	atgtcacctt	120
cctggggggcc	ttggctttga	tctacaatga	agccctcaag	ggctgaaaat	aaatagggaa	180
gatggagaca	ccctctgggg	gtcctctctg	agtcaaattc	agtgggtgggt	aattgtacaa	240
taaatttttt	ttggtcaa	ttaaaaaaaa	aaaaaaaaagcc	tctagaacta	tagtgagtcg	300
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	360
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgtctt	atttgaacc	420
attataagct	gcaataaaca	agttaacaac	ccaattgcat	tcattttatg	tttcangttc	480
agggggagggt	gtgggaggtn	ttttaattcg	cggncgcggc	gccaatgcat	tgggcccgggt	540
cccacttttg	ttccttttagt	gagggttaat	tgcgcgcttg	gcgtaatcat	gggcatagct	600
gtntcctgtg	tgaatttgg	atccgctcac	aatttccnca	caacatacca	acccggggagc	660
cntaaagtgt	aaancctggg	ggtgccttaa	tgaagtgagc	taacctcaca	ttaaattggg	720
gttgcgctca	ctggncacct	ttccagnccg	gaaacctttc	ttgccaanct	ggcattttaa	780
gnaatnngg						789

&lt;210&gt; 4909

&lt;211&gt; 1214

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1214)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4909

gcncctcccc	ctnttnnaaa	ccntttnaaa	acccttggtt	aaaccccttc	nnattnctna	60
------------	------------	------------	------------	------------	------------	----

tngcttggn	ctacctnctn	nacctnannt	nnnnatncac	ggntngcnnt	tttcnacgtt	120
ttnnccnccn	cttntncaact	cagcaacttt	ntnacnctta	atntgcanct	nntctnctan	180
cgggngggcn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggcctngnaa	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	gngccnctg	300
aanccccaan	ncctnattnn	cagcaccac	ctttattatt	nantatgna	tcataccanc	360
tcganncct	atnggtggnt	ntctngngcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tncacactaa	ntnagcngc	540
ncaaagntng	natnatcaact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tntantnnna	attcanntgc	ttgnnancac	660
atgnanncta	nnnntanntn	annncnntat	nctcttttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnnccn	tnangcgenn	ntattaanca	acannannnt	tnnantcann	780
tnctctntnn	cgattctntc	gncccccctc	actgccnccn	ntnntcnct	nncntnccn	840
ntnnctnnnn	nngtcnnnt	ntctctctct	tcagnctctg	tcacgctctn	atantannac	900
gtatactntc	tnctnttann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgaccac	ttcgnnactc	atagatntnn	atatannnac	cnngtgntan	tctnntnnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnnc	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcanen	ctactctatg	1200
actctancta	ngcc					1214

&lt;210&gt; 4910

&lt;211&gt; 1192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1192)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4910

gnnaaggggt	nnncnttntc	ttnttctgct	ttngtctatc	gtentcgacn	gngnctcngn	60
ctgntctaga	tgacctctcc	gctttttttt	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgetcaact	aaacnncccc	180
tganctatat	gcgctaggng	aagcatgctc	ntncaactaga	caattgactc	tgctttagnt	240
aattccnatt	ccggaaactc	gcgcaaccgc	gtnnccctggg	gacctcctat	ctcntngaaa	300
cgatgaaaaa	gccccaccct	tttagngtcn	cnccctngagg	aaatnggcgc	cattggggcga	360
nattcgccct	ccaaagggaa	aanggnnggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	gnggaatagg	gnctcnaaat	ccccnaatt	tcctnngngt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttncggga	atngttangc	aaaaattttt	tggttggggg	gccttttttg	600
ggcentaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagnnnnn	ccanttggan	accccaattg	gttgggccct	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcct	taaanccttg	gtnggaacct	ttttttggaa	780
aaggttttcn	ccngggnttt	ncccnttttna	aagggcgtta	atancecngg	ggtcttagtt	840
tnnggnanaaa	anccaatntt	nttcnccnaa	attgggtttt	ggggcntttg	gtatecccc	900
gnaaattntc	aattncaaaa	aatttccctt	ggggnnccaa	ttttncnta	ancccttttna	960
aaccggttaa	aaacctnggn	ggggnccnat	ttnttttngg	ggntnnaana	atttgccena	1020
accgttntta	acctnttntc	ccctttaatt	cgngntttnn	ccccannntt	tttgtnggcc	1080
cctaaacngg	cnaaccagg	ggaccttttt	nggggaaanc	ctttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnaccttggg	aggaancatt	nnttggggaa	tn	1192

&lt;210&gt; 4911

&lt;211&gt; 1006

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gcncannccg	annncncan	ccannccnnn	ncnacnccn	aaacgnnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcncgn	gncacgaggc	ccatgtncag	nctccaagac	cnncangaca	180
ccgcccgaatg	ggaagcccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggcagg	240
aanaagccca	nggcccaagg	aagaccggag	gacccanaag	gncaggaaga	gacacncacg	300
cnccgncnca	cannnncgn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancaccat	gngcgacgna	nncacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagaggn	cccccccccg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcncn	acancgccng	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaacctgna	angnnnnncn	aaaaaaaccn	canggggnaga	aaagagcaaa	gngcgngcac	660
gcaggggnnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagnnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnggggaa	aaggcaccaa	naagctataa	cccagagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaaangcg	tggnacannn	caaacancna	acnccngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tccctcgatt	cgcangaggg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtgaggt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnattttaa	aggcaaagtg	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttggt	nnctnaatgt	540
tctccangct	attgtatggt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (711)  
 <223> n = A,T,C or G

<400> 4913

gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tcnagtgnct	60
gnngnttgtn antntnngcc nnggcantna ttnattgnen ntngatgatt gatatacaaca	120
nttgaggtaa aaatatncat gaggtctaaa tataacatgt aaatgcaatn tcatacttta	180
tttncattgg caagataaca ttgantaccn ataactgnggt atttgacaaa caagcttgat	240
gcatcgtgat ntccnctta tttccctttt ccttgnttta aaaagatgca ctgcgttgtn	300
atncncnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag	360
aggganaatc nganctnecan tcncttctgt tctnattcng nngnanggat ctngtaggtc	420
ctccnttctn agatgtggnt ttaggccagc agcntaggca tccctgagac tccttataaa	480
tgcataaatc tcaggencag cccagatnac ttggagcata atntgcagtt tgcaagatcc	540
ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcca tgcaaagcca	600
ctcatnctcg cgtgcctatn acggttttnc aacacatcgg atcccatctc aggagcctga	660
cccgtgtnta nctanattaa ncttcactgn tgatcttnat gatgcataatn a	711

<210> 4914  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (749)  
 <223> n = A,T,C or G

<400> 4914

agagnnnnnn nnnttgctgn ntactnaatg gcttgggttg gttgttcttt ntgcaggag	60
cccagcgtat cgccgggtct agccaaacatg tgactacaac tgcataaaag accttaaatg	120
agacctactc agccaaactc ttcttaagtc ctgtccaaac aaaaccatga aggataagaa	180
atggttatta ttattttaag ctaccacctt ttgggtgtgat tattatatgc aataataggt	240
agcagacact ggcttttggtt ggacatgtat gttctctgca tattctgctt ttgtgcatgt	300
ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat	360
gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcctta caaatgctgg	420
ggttggttta agaaaacaga actcttaatg tttgtaaaca ttctgtacg agagtccatc	480
catcatttgn gtctctctag aaaggctcata cgcagaaaat gtagtggtgt agcaaaattt	540
taaacttttc agactggcaa aaccttttct ttaatgtata gtattactac tcatgtccat	600
tatgaaccat gaccagga gactctgctg anacaggetg catctnctcc accttatcct	660
nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtg ggggtgtgtg	720
gattcttnc aactgnctta atccactgg	749

<210> 4915  
 <211> 542  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (542)  
 <223> n = A,T,C or G

<400> 4915

atccctcnnt tntcaantca tattcctcac aagcannctn tanaatntct nancactttg	60
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ttctntcncg cnaaggngnga cgcgatntga ggacttttggg gnnnttgann acttggtctga 120
ttcacatgcc anggcctngn angaagcagg agaaaggana nnggngacng acttaaactgt 180
gtncaatacc atccttacca ccngaagcta tccanagctt ctccagagngt tgcagaanta 240
caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat 300
tgctaagtgc cttnacagct ctctgaacn gcgccacagg cgaaccagct ttctttgcag 360
agaagctcta tcangccatg aaaggtgntg gaactcncca tanggcattg atcacgatta 420
tggntncccc ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg 480
ggntctnctt ttgccaacc atcctgnatg aaaccngang agattattga agaaaactct 540
gn 542

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<210> 4916

<211> 1285

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1285)

<223> n = A,T,C or G

<400> 4916

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gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacncnnn ttctcnaagc 60
ngnntggctn ngatnantta tanatatgtc ttncatnatn angaacnaaa ntatntntgg 120
gnggggnttc tncctngagng atttctgtna ctctngantt nntaatgcnt nanantgtgn 180
ancgantnng gtnaattggn cctancagca ncatgtancc ntaaaaacgc atncnatatn 240
tcttancncn nagnggtncn ncgcnattat ctaatgnctt cttnaactga nntntaangg 300
nctntgtant ncgngaant ttaagttnnat tcacgnctta tattctaant catgttccaa 360
nnnncctatc ctgcanaatt acnctgcnnn tgatecctgg catcnnngaa gntcantncn 420
gnncaattat tcatnatatt gtggcattnn tctnattna tactancgnc ntccnctan 480
atatatanaa gncngcaanc tctgtngaana ncttctnaat ntgacnnacc cgtntattat 540
atgcatnaac ccntatcctn atcnanctct agtgtggctc ttaggcaccn annatttatg 600
ggnacccctgt gntcaaattn ggntctccgt nanctnacng ctctcnattt aangntnang 660
nctaacntaa ccntctttgc tgggtacaat anggcgnacn ctccnctnnn nacatttttg 720
nnanaaagnc tacntgggnt cactatntna nanctacnc ttttatcggt acntngcgta 780
atnattgncc atatgtgata cgngnccaac aaaatgtcac tntatataa tntggntcnn 840
acntcnnctg tanncnnct atntaactt cannttttac atanannct aaaactnttt 900
gngcaaacia ccaatnggng atctttnnga aaaattanca tnggttttn ggctacttnn 960
ctatntcatt naattaccgn nntatctcna nctantntaa ctacnnttt nanaaaggng 1020
tcaatgggtg tcatctctca gngacacct cncctatata ncatnctnta tntagtataa 1080
tctcanaaaa cncctcctct naaancttnt ggggnacntna anaanacgtg actntcannt 1140
cgaanccttg nnttnttaa tnnnggatnt agggnggtac naaaaaaann ngtgtttata 1200
aacncancnn ttnaannnt tctctatatg ngcaattten acggtattnc tnncnngtcc 1260
ccatatatac tanatcacan tatnn 1285

```

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

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gnnncctnnt tncngccttt ngaancccn agttccaaat gctgggttnag atcagctctt 60

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gttcttttttg caggaccctc gtcanaatc cnacagggag anttcgggna ntntttannn 120
ngagacngag tctggctcnn tngccagecn gaggcgggan aancncctga acctgagang 180
tggaacnngc gctgagccga natcnttaca ctgcactcca gcctgtcnac agantgagac 240
nntntctcaa agnatgtata atnctnacaa nnnctccacn ngancaaann nnnangannc 300
cggannacgg agnctcctnc cctnaangan cnttggaaga atggagncac ccagnngctc 360
nattnttggg nntnnncaact tnnccgctna aatggatgan caagggctca ancagtnccc 420
tncataatct gccctnaacc cntncaaann aacatntnnn gccantctnn cttcanaaac 480
nggaaggagc ccnnnatgac atnccagtcn naggccccc nagggaacna ggccnntgnc 540
ccnanntgag tgcnagnana agggcncctt gccanagccc ctgccgggnt tcntncaana 600
anggaaagaa nangaagcaa cnttggaaac tgcgtctgcc aangagcncc nngacaangg 660
ttnaaccggg nggcccnnnt ctgagcttng ccgcntttt ctgnggggncn nccccaagaa 720
gtgttttacac cccttaatcc cncctttanc nctngatttn nggggggnccc naaccggat 780
nn

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&lt;210&gt; 4918

&lt;211&gt; 812

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(812)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4918

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gnnnnnnnt ttnnngctnt tgaaaacccc tttgtttcaa agaccnagtt cttgttcttt 60
ttgcagggat cccatcgatt cgaattcggc acgaggtcac aggtaaaaaa aangtgcgtn 120
ataagtnttg ttatcggtgg actttataaa agcaaangaa attgangtaa cttttgatctc 180
tggtntcaag attcatnttt ncatacaggt cataactgnc ttnntgnaac cctttcacag 240
ggcactgnnn gatgggatta aaggtggcaa ttactggata actgcacatg cctctacttn 300
gttctaaant ctangtcatg aggtgatttg atttacttta tagangctgg attttgaaga 360
tctaattgna aatgttatga tnatatcagt gngtncaaaa aaagcaccag caactgataa 420
aaatcgcntn tttgtgcgct acccaactgg ttaaagccaa tgtgatcttt tatggngaaa 480
ctcctaagan acangtggtt ttgctgnaaa cttgncanac ccttaattat agnccgtgct 540
aatgagccta ctgcaatata aagccaccat tnttttttat caaacatctg aattcatttt 600
acaaaggcta ttgttagggc attattttga gcactatatt tgaggtgatg ttnanaaaac 660
tttaacntca aatcaaattg aaaattaatn taaatatatt gncttaagga ccttctaaag 720
aatgtgccac cagactttta tggatagttg cnannatcct tgnctaanaa caaaaaagtt 780
gcttaaacat ttctttttaca agangnttt tt

```

&lt;210&gt; 4919

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4919

```

ttctaattcn aggtttctagt nctgttgaan nccngctat tngattcggc acgaggncct 60
ggctactggg gaggtgatg cccganaanc atgttggccc aggagtnaag gctgcagtga 120
gctttgnttg cacngntgcn annncatnct ggccngccca nngngncccn gccacaccan 180
aaattatgtn ctngagtntan nngcntcnga aggcctantc tcgnaccaga gttntcttta 240
ctggattatt tttagattgt tattaacatt nctgggtctnt anctttactc agtctggatn 300

```

```

agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attgttgtgg tccatattta agagttactt tgttnctaga gatttcatta tagtgngnt 420
taatatannt ttgggtatct ttaactaaaa atcattgcta tcttcaact gtagattcta 480
ctatgaaatg aggaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtenga gggatctctt ggaagaactg atttatctga aggtaatact 600
gngtgaaaga acctaaagatt gtngacanag catgcttnat gcaattntgc tgggccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgctntat tggcccagga gtttcaaacc tgnagtgcc cngtggnntn ncacctgtga 780
nt 782

```

<210> 4920  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

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<400> 4920
agggnnccnn tgttctctcc tnaactcnnn nntgncagcc ttnntcgcc accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagnn 120
tnnatcacta gattgnacnc tcctcanggg cacgaaccgc aacatntatg cngtgectgc 180
ancnccta atgtgaanngcc tggcacactg gtagecgtgca tcatgaccn tngaattgngn 240
gagtaacnac ctgccnnanc acgatggnat gcngttcaen tcccctgtgn acnncncngc 300
gngcaantc ctgccatang agggcgngat tccaacncgn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc canntcact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaatat tcgngctgag gntcctagga anacttgga 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggnggtt ngcagtataa 540
agccctgtgg gggaaaacat attttagctc ttacttggta aaaagggtna ncagaacctc 600
tggtttcttt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tnetcaattt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c 781

```

<210> 4921  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

```

<400> 4921
cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtngctgct gacgctctgg gtgaagaatg gaaggggtat 120
gtggtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
acctatggcc gtgtccgcct gntactgagt aangggcatt cctggtacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcatg tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg atgtccgnca agtatgttgt aagaaagccc ttnataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

```

aaccngcggc	gtatttgctc	tagaaagaag	cancgttccc	tngaaaaaan	tnnnggaaga	600
aggcntggan	gaatattgct	anaacttntt	nggctaagag	naatngaaan	gatgcctaaa	660
nggaanaagc	nccaaggaan	caaaattggt	naaagnagac	nncnnaentt	ttcctnttgt	720
ngcnaagcnn						730

&lt;210&gt; 4922

&lt;211&gt; 675

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (675)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4922

gngnngnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnnnnt	ttntnatata	60
gctcttggtc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnncggnt	tccnggtntt	cnnttgcagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	ggnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataaag	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcctgc	ancggggctc	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	ntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

&lt;210&gt; 4923

&lt;211&gt; 675

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (675)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4923

gngnngnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnnnnt	ttntnatata	60
gctcttggtc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnncggnt	tccnggtntt	cnnttgcagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	ggnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataaag	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcctgc	ancggggctc	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	ntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

&lt;210&gt; 4924

&lt;211&gt; 750

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4924

cgggnnnnnt	ncntttctnc	ctaangaaac	ncttntgant	ggcntggcta	cttgttcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgtaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggaggt	tttttaattc	gcggccgcgg	cgccaatgca	ttgggcccgg	360
taccagctt	ttgttccctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcattggtcat	420
agctgtttcc	tgtgtgaaat	tggtatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagtg	taaagcctgg	ggtgccta	gagtgagcta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgctgtgcc	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcgg	tttgcgtatt	gggcgtctt	ccgcttcttc	gctcactgac	660
tcgctgcgct	cggtcgttcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatatc	720
ggntatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggacgggn	cnnnggccgn	nccncacncg	cnncnncnnac	acccentttt	nccccattt	120
tancaccann	atngncnnan	cangggggng	nannacngng	naaaacccng	gngagnnccc	180
nnccgcnggg	gannncanang	ngcngnnaag	naaccngng	cnncaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaacgca	agcgnacgcg	gncgaagncg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaaangccg	cncaacanna	gcnaagggng	aacngacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnggcca	naangcggca	canacgncnc	ggggnnnnncn	anccgngncc	canangnnna	480
gacncnggna	caccncncca	cccncangcc	nagannncan	aannccnagn	naccnagac	540
annacnnnnn	gannncnnn	cnanccgagg	nacannncng	nannngngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	ncnccccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaaacn	ncacgcncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcgnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaannng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanaac	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanccanc	gcncnngcan	cagngcacia	naanncggan	ncccacgcca	1260
aaacngcnac	agnnecgaac	gnangncnncn	acgccanacg	cc		1302

<210> 4926  
<211> 818  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(818)  
<223> n = A,T,C or G

<400> 4926  
tgnnggnnta gatcagctct tntctttntg caggatccct cgattcgaat tcggcacgag 60  
gctatttggtg ttttggtgca ctgttntttt tgtttggttg tttggtttatt tgggtggctt 120  
tttgagagg gaaatggggg tgaaatattt ctttattgnt gaatcatttt gtgaatgtcc 180  
ccctcaaaaa aagctaattg aatatgtggc ataaagggca ttngntggtt ctatttttgt 240  
ttgaggggna ttntcagaaa atcccttttc tctcttacgc ctaactgact ngggaaccat 300  
tgangatntn cntagcnttg gaatacttga cattatntac tctnacnaat aacacattaa 360  
gnagaatna ccaatnttcc nanaatnngc ncttgatcac aaaatgtgan nnacctntna 420  
atgnttanaa ctttatcaaa tttagtnnta ttttcccctt cnaaatgtcn ccttttcccn 480  
ggcatttntc tccnttaaaa tattggttnan ttccctgaca taccnathtt catngttcaa 540  
cagctttgtn nccnnagnta taanaanttt ttgnanccct ggananattt tcaatnncgc 600  
cnatnangta nccnttcnan cantgttngn gnaaaacccc cntngcaagc ccntaaaaan 660  
gttaagcctt anttgncttt aattncnctt tnnngentn actaannccn catnttcnna 720  
nttccttnaa aaatcntntt nggagcccn ccttntntt tacctttgna nttnnnccca 780  
aacttcannn nntatccaat nctgnttttn ccnaaacn 818

<210> 4927  
<211> 742  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(742)  
<223> n = A,T,C or G

<400> 4927  
atcagntctt gttctttttg caggatccca tcgattcgaa ttcggcacga ggggtgactgt 60  
ggagggcgag ctgagccctg gccgccgtca caatgggccc ngagtgtggg aatctgacgc 120  
ggatgcggca tgtgatcagc tacagcttgt caccgtcgag cagcgcgcct atnccacgtn 180  
ttcactaaag gaatccccc a tgttctgcgc cgcattcggg agtctttctt tcgctgtggtg 240  
ccgcagtttg tagtgtttta tcttatctac acatggggga ctgaagagtt cnagagatcc 300  
aagaggaaga atncagctgc ctatgaaaat gacaaatgag caacgcaccc gnatgacggt 360  
tccctgtctc tgaaagacct ttctctggaa gaggagtctg cattgtntgt ctcaaagaca 420  
caataaactt cctatggtct gcanaacaca nnatntntta aaaatttaaa aattanctgg 480  
gcatggtggc aggtgacctg attccactac tcangangct nangccgaaa tcnntagaac 540  
ccnggacgtt gaagtttcag tnagctgant cnttccactg gacttnaanc tgancnnng 600  
antgtnactc catcccaaat tnnaaanang tgggantatt acttntcntg aaacntgcgc 660  
ctntangcca attcttaann nnttangtgg naagaacatt tancccgna ttnnaggttn 720  
nntnacnatg ctnggggggn nn 742

<210> 4928  
<211> 760  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (760)  
 <223> n = A,T,C or G

<400> 4928

aaccgggtgg	gccccctttt	tgaaaggntt	tttttanccc	ttngttnnnn	cnnnctaaat	60
annngngntn	categcntcg	ctanngccng	ntntgggang	cnatgntata	cttggctacc	120
ttcctatgnt	ccttctcaaa	gcaaaactnn	gggactgatc	atttgaagtc	acccctctgt	180
gtcttcttgt	gaaatggctt	gggcgtctct	gggctctgac	ttgctcatct	gggaagagat	240
gggggtanagg	gagttggatt	ataaatcatg	cttcactcag	tcaacagaat	gctactcagg	300
cactaaaaat	gatggcgtag	ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	360
attatgtgga	aaaaactagt	tgcataggat	ttatggnttg	attacatttt	agtaaaataa	420
attcatttat	ggtggtatat	gcaaagaaaa	aataatgccg	ggcgcantgg	ctcacgcctg	480
taatcccagc	actttgggag	gctgangcag	gtggatcact	tgaggccagg	aggttgagac	540
cagcctggcc	aacatggtaa	aacccccattt	ccattaanaa	tacaaaaaat	tagcaccaag	600
cgttggtggg	cacngtgcct	gtagtcccag	cttactcagg	aggctgagat	gggagacttg	660
cttgaacctg	gaaagggtga	ngttgcggtg	gagcccaaga	tcacgccact	gcacttcggc	720
ctnnggctac	agnccagact	ctgtcntcaa	aaaaaaaaann			760

<210> 4929  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (887)  
 <223> n = A,T,C or G

<400> 4929

gnngaggnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnnag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagAAC	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatattttn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atattttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tctgtctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgccattt	tcnnnccggn	600
accaatgnng	nngnggggtn	aaccncnagg	ngaacnaacc	antgccttg	gaatgggnna	660
cctngnnncc	ttanccaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnagg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4930  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (804)  
 <223> n = A,T,C or G

&lt;400&gt; 4930

tcnccccent	ttgaannccc	tttntttaat	nnncatanag	ctacttggtc	tttttgcagg	60
gatcccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgteccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgagcaaac	acctgggttg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcatcca	ttaagcgctc	agtcattggc	tcctcctgtc	tcataaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aagggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttntctt	tgccctncaa	660
agccacagat	gttggggcgg	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcatgcttgg	anacttgtgg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

&lt;210&gt; 4931

&lt;211&gt; 887

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(887)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4931

gnngaggnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcgagc	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgcccattt	tcnnnccggn	600
accaatgngn	nngnggggtg	aaccncnagg	ngaacnaacc	antcgccttg	gaatggggnna	660
cctngnnncc	ttancaance	tcttnnagaa	agggcntttn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnngg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttnctnng	gcnncccaac	cntaaaaaaa	ggcttnnccg	ngatccc		887

&lt;210&gt; 4932

&lt;211&gt; 807

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(807)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4932

nnnnnnnann	nnnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancgnggaa	nggcnataac	120



aannagngga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnngctn	ctaaggggaat	aagccataga	ggctncncca	gtagaaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccagana	atnagacatt	360
actagngccca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaacccgaa	tnaggggtcca	gnnggcctgt	naatggtaaa	480
nntacatnan	aatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tngggnaaaa	ctgatnaatn	ngcaaaactng	agnggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctagggggac	caggnggnaa	gnngaaaaca	cncacaagng	annnnngnnn	660
ngggnaaggg	ngggngnaan	gganggaaaa	ngngnnnnag	gaggggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaaagn	aaaannnnng	gcnggaagaa	ggggngngna	780
accgcaaacc	anngccnagg	gggnnnnc				807

&lt;210&gt; 4933

&lt;211&gt; 925

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (925)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4933

cgngcttttaa	ctnttnaaac	cctttgcact	tnncctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagaggg	gggggtctggc	cacataggtt	ttntngnggc	tctggngctgg	120
ggntagacac	tgacagggac	tagnattnat	tggacttgcn	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtnngcatta	tgaagccanc	ntagnngnnng	taaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tgggctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaaggg	anntctngaa	cnggntagca	360
agatcnaanc	atancttgct	gnngctnccan	ggnaacnncan	cctnanncnc	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntggn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtntctacc	540
aanantnntc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnnctntgct	ngcctccgat	cccactngcn	cgcncnttgt	720
ntnnngactg	ccccctngn	ncttntctctn	gananattct	tnggatacta	cccaaataatt	780
ntggggnanc	tactgcacat	ctnntcannt	nnnncgcatt	tcattnatnta	tantcancnn	840
nncnaatncn	cnnngctnctn	cttacnaana	ntnncancatc	gcggcgggggc	gnncncatan	900
tannncngnn	ncannnaaag	nngcg				925

&lt;210&gt; 4934

&lt;211&gt; 1025

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1025)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4934

gtnttcattn	actttcntaa	tnnnntggga	ntctctgaan	gacncnatng	antngnnttc	60
ggcacgagta	ctgctccttc	attcccaagt	aagaaaangnc	aggntctgct	acttccaaaaa	120
ctcagncacg	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240

cagaatagat	aagaaagggtg	ganagaagtt	gtncnaaggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtcnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgt	ggattnanac	naataangat	aangaaatgg	420
gcnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aaatgcaaca	ttcatntnct	aggatncctg	540
gntttnnngt	aaacttnggt	aanaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tcccnttngn	acnaggntac	tcctaanaat	ncaattnnn	attgcncata	660
accnttntnc	tcaantctng	ggganntaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggcca	tttgtctcac	atntatatgg	nggatggcct	780
ctccntaaaa	cntccttnt	ggggtanaat	accttttnc	ncacaangng	cttacatcnc	840
taantcntct	nttggtatat	actnatacac	agtatttnt	ctaananctn	nccgngnttc	900
taacattntc	naaannnctc	tttaaaaatt	ctntgnanaa	aattcgtngn	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatacg	cctcncgntn	1020
gntcc						1025

&lt;210&gt; 4935

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4935

antgangnnn	ntttcnnaga	gncagctctt	gttctttttg	cagggatccc	atcgattcgc	60
tgaaatgact	tccttaggga	tagagctaag	ggataataac	ttgcactaaa	tacattttaa	120
tacttgattc	catgagtcag	tttattgtag	tttttgattt	ctgtaaaata	agagaaactt	180
ttgtatttat	tattgaataa	gtgaatgaag	ctatttttaa	ataaagttag	aagaaagcca	240
agctgctgct	gttacctgca	gaactaacia	accctgttac	tttgtacaga	tatgtaaata	300
ttttgagaaa	aaatacagta	taaaaatagt	tattgaccaa	atgctaccag	gctctgcagc	360
agctcggggg	cttataaaa	gttcataggg	atgttacaat	ataattttgt	gttataaaa	420
atgccattat	aattatgtaa	taacccaaa	ttcaacctag	agtgttgggg	gttttttggg	480
aaccgcagtc	tattagtact	caatggtttt	atacacctta	cttctgacag	agcggggcgt	540
atgctacgac	tacaactttt	atagctgttt	tggtaattta	aactaatttt	ttcatattat	600
attggtgcat	cctactttct	tcagtcagg	ttttttgtgc	ttacaatttg	tgataactgt	660
gaataactgc	ttaaaaatc	acccaaatgg	gangctgaat	ttttcttca	gccaaaagta	720
agttttgatt	aggaactttg	gttcaaccn				750

&lt;210&gt; 4936

&lt;211&gt; 1500

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1500)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4936

cgcccttgct	caaaaaggcc	ttgngnccca	aatcagctct	ggaaaancct	caaatnctct	60
ctanacagaa	tnngggctng	gggnanncn	cnttnncatg	gnncggnttt	atctcnactc	120
nttttttatg	aggetctttt	tttcnatctc	tanganncct	tctaacnggn	antanncact	180
cncggggngn	anctcnnttc	gngggggntn	nactaantca	annntgnnnn	tctatanatn	240
tttanntnct	nnacatncca	ctcntntant	cctctgnnna	tnccnaacat	nnatacnct	300

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caccctttta cncatncncn cannacanat ctatctnate actcngnnnn cnnnaantcg 360
gccacataat catnctnctc acnnntacta ntncntcatt ctcnacnntc tctnttctnt 420
acnatantnt ntanctcctn tttctctntt tectctnenc ncanttctct ancnctgect 480
aatanactta ctannctctc tcnnntcaca agtcngtaen tcegtctccc tntnnatnac 540
anactatntn ctentatnnn acannncttn catatnnntn natnttnnac cnnncantc 600
nnttacntnt cccnncant agntctantc tntactntta ctctnntnat ctnnctnttc 660
anctantntt cacanttcan ntccatntnt ngncntctn attcanntcn tcttatntcn 720
gnacantctn acncannntc tccnnctnn tntcatanct ctntnnacnt ntaacctact 780
antcttnnac tctcgtntca cctactcnnc ctntantgnt actntaccte ctantaatct 840
atnctctctn gntntnnnac ctcacnactn ctctatacnn ncgatnanag ntntnacaat 900
ntctcngtag ttanangtnn cgcgncctac cnnnatacnn ntntncttn anactactct 960
ctctctctaa ncnctctgct cntatactat actcnatcna tatgttnatn catntctctc 1020
ncnntnannc gtngtntnt accctctntn tatctntnnc ncngntcaac nnncttntna 1080
catnncttn atncatntn atnccgntaa tctacatnnc gctctnctct ntncctcaca 1140
tacgctccnc nnantcatct tctnatattn aatgacacnt atntcatntt acgtntnttg 1200
ntantttaat cnccttccat aatctactct cttatnctan nngctctcnn cnatanctat 1260
nctcnatatn ntaactctcn nnnncactac ngatccta at gntntntctn ncnnntnang 1320
atatctanaa tnnanntctt ttncnataaa ctnnangcct ctctaantcg acagtctnct 1380
ctanatanta nganaccaan atccatacct ntntcttttn anatactntc nattgactaa 1440
ctncttntta taantacgta tcnatnccan atatcttgcn tctctntttc ncncccccgc 1500

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&lt;210&gt; 4937

&lt;211&gt; 812

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(812)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4937

```

ttgtanctaa tgctggttgg tegtctcttc tccangaccn agcgnnttoga attcggcacg 60
aggggaaggt ctggctccag cttgagccca ctcacaggat gtcaggggga agtggtgacta 120
aggtcacggc cacgccacgt ggtgggccag ctggatccag agcagggggc gttgtggcca 180
cacatcctga gtttccatgg tctaatgcan tgggcttgaa aaaaaagggg ggatgcagga 240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt 300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag 360
ggtttatgcc aatgtctgct agagggatct tgcagtagat cttaaaccct atagtattct 420
taagagcaca aggaaattct tatttgggtt ccatttaca caaaggtgga aatttaaaac 480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatatt 540
ttggaaaatn gtctttaant nantttttaa nanngttttn cncattttt naaaaagggg 600
ntacctttnc antttngntc ctttcaannt tttnnntttt ggnnaaaaaa tnttnnnngn 660
ttnaaatgga atgtttttaa ccagggnntt ggggnntttt naaaantttt nnaanggggn 720
ntatntntgg gnnccctntn naattccagn ttntnccan nnttngaant ttnnccccct 780
tnntngggna aaaanggna ttgntttttt tn 812

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&lt;210&gt; 4938

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(783)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4938

ttgaaaccct	ttgaaaccct	tttgcaanct	acttgttctt	tttgcaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaatth	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcacctcag	aaaaataaaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgcaga	360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactgggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa	480
ttgcatttga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcattctgt	gtattacagc	agtcacatac	cgattgttcc	ttctgtgtct	660
tcagatagg	tttttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttattttggt	acatccatac	ngagggaattt	tatgggctta	ttaaaaggat	gcttacagga	780
gat						783

&lt;210&gt; 4939

&lt;211&gt; 1150

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1150)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4939

tncggttnnn	attnnntgtg	aaccntttct	tencacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	nctgccttcg	gctttatttc	tgctgactan	ntatctccta	ttnagagcta	120
cggcaatgcc	caaaagaaaag	gctgcaggtc	aaggtagat	gaggcatnga	gccaaagaga	180
agactctgcca	ggttgtctgc	tatgcttgtg	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcceaa	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatttcna	gangcnccca	gctttcttga	420
aaaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	ccgttncca	tgcnegcga	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan	600
annattcnn	anaccgnaaa	tnatcaaang	gggnngaaa	gccctttggt	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tngnggan	anattggnag	ggnaaana	780
ggngcncnna	taactaaatt	gcccnanta	tggtnaant	tanntnntgt	nntngnatan	840
ngnggggnac	nntatattta	aaangggg	tgcnanatt	gaaccngggg	gtanaaaata	900
tggggnaaaa	aatttggggg	aatataaann	tantttnggt	atanaanac	nnttnntnan	960
anaggggggt	cttatanggg	attnngatat	caatnntatt	natggtgcaa	tgtntaanan	1020
cacnctcgnn	aaaaatcggg	ttaaanaccn	nagggtcattg	anatntngtg	gnannatnca	1080
gntgggtaaa	tttngtanat	atattttggg	ngtaanann	tcttgcttaa	atngggnta	1140
ggtcatttcc						1150

&lt;210&gt; 4940

&lt;211&gt; 991

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (991)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4940

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ggnnngccgn nanengggacc ntcancgatn tnnacnnttt gnnnaaccccc cccccgagcg      60
cgggcccngga gcnnngtgata ttnggannag atggaaacan ctcnagttgn ngccttttnt      120
gtcaccnnag tgcgagggggg ngnatnggt nnaananacn tcctnccan gncctnctt      180
anancacca tctaaancac aaaattcntg aagnggccgn tcagtnnngg canaccggc      240
ctccnagnta tgtataccct gtctgttct atngggatnt ntctccatg tgagatatan      300
gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggncceg acacattang      360
cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg      420
ggaataanat aatgggntan nnttttttt naanctccc agctcnanta angntgctta      480
atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatannc nacccttnna      540
ttgncggggt ggtccaaaag aantgcaa atctacctct tgggcccac caaangaccc      600
ctttcaacca tgncttttn tcgncgggg agagaaacna tnnccngggg ggtnaaaagg      660
cctncceccc cntntntttt caccceana ggggnaata nanangttct anctccntat      720
ncctttttcca agcctatttn ngttnggggn gggngttngc nntntctcca atangcccc      780
aaagnatttt catttgttta anantnccc nacttccctt gatttttaaa aanataaaaa      840
tgttcctnnt aagangaaag ggngnantt nntaaacnaa agcnnnaaga aagnagaaan      900
nccttttttag aanttnnta nactnttnc aaatgnngan antacctnat tggggngtgg      960
tnnctnntna tnttggttac gantggctgg c      991

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&lt;210&gt; 4941

&lt;211&gt; 1075

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1075)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4941

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cnnncttcnc ctcnntgaac cnntttgnaa accnccntn atgcaggatc ccatcgattc      60
gaattcggca cgagggtgc tggagctggc aagggtacca ntttttgccc agaaaagctca      120
gaaggctaaa tgaatattat ccctaatacc tgccacccca ctcttaatca gtgggtggaag      180
aacggtctca gaactggntn gtttcaatng gccatttaag tntagtagta aangactggg      240
ttaatgataa caatgcatcg taaaaccttc agaaggaaa ganaaatgtt tggnggacca      300
ctnnggtttt cttnnntgcg tgtgggcanc tataaaggga ttagtnnnca aaaatcagta      360
cctttttaat gggaaaacaa cttgacccaa aaaattttgn tccacaagaa aattttggag      420
gaccccattn aanaangagn ttaaaatnga ggaaaaanaa aaaacgngcn tnagagaaaa      480
cttcgggagg cccctcttaa gaacctaat aggtggagga tccgnaattt naccgngcgg      540
gaatcccaaa gaaccaatgg gaataaang gattaccnt ttnggattgg aagccttttg      600
gggacccaaa aacccaacca aaccttaagg naaatggnc anntnggaaa naaaaaaaaa      660
tggcccntnc aaatttnggg gnggnaaaaa ttnangngng aatngcctaa tngggccttt      720
gaaatnnnnn gggnaacccc anttnattaa aggcngggc aaagttnaaa cccaaggntt      780
nngacccaaa ccaancccaa attgggcaat ttccnatntn nnaaangnt nctccanggg      840
gnttccaacg gggcgnaaan gnnnnncnnc nnacnnnnnt nnnncaannn acnncnancg      900
nnnctnnta cannantnan aannntnnn nccnnnnnn cncnccanna nccnccccnn      960
nnncanacnc ganannncnc nnnnncgnan annannccn nnannaancn ncactnann      1020
nacncaanna nnananannn nnnnnnannc nnannnnnn nnnnnnncgn cnacc      1075

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&lt;210&gt; 4942

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(741)  
<223> n = A,T,C or G

<400> 4942  
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agatgtggga tttgaatgcc catgaaagac attttatttt acttgaatat attcttgctt 120  
cactttaccc tccataatat gttgtacatt agtgctgac aagtttacag agttacattt 180  
tgctttccta accattcagt caggaattaa aatatggcat tgtataacaa ctgggaagaa 240  
gctcatagtg gatataaatt agagtagata atgggtcacc ttgatagcct ctgtttacat 300  
tacttgata tgggcaaaat aattattacc tatacgtgta ttaagctta attttcatat 360  
aaacagtatt tttaattctat gttaaaatag ataatatcta aaagtgtgat ctctaggtag 420  
tccttagttt attagtactg tacttcaaaa agatttttaa atagggtcgg cacggtggct 480  
catgcctgta atcccagcac tttgggaggg tgangcgggc gaatcacctg aggtcaggag 540  
ttcgagatca gcctggccaa catggtgaaa cctgtctca actaaaaata taaaaattag 600  
ccgggcgtgg tggcangcgc ctgtaattcc cagctactcg gggaggctga ggcnnagaaa 660  
tcactttgaa cccanggggc agaaagctgc agttagccan aatgcctca ttgcactcca 720  
ncttangga cangagcgc n 741

<210> 4943  
<211> 887  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(887)  
<223> n = A,T,C or G

<400> 4943  
annnnnanng nntnnnnngg nannnnncan ncnannnnnn naggnnannn nnacnatten 60  
cccccttctt aanagacttg gcnactcngc nctntccgca agnagnnnng cgtnnecggg 120  
tgngaggaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 180  
actggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 240  
tctgtgcttn ggtgtctata agtacatatg nggatatggg ttcattnnat ccctaaactt 300  
agtaccaaac cagcatttaa tatctaatta taaatctaata tnggcctaaa ctttattatt 360  
gcacactgcc tgaacaaaac ctatttgcct ctatgtaaat ttttctctca tggacaagg 420  
gngngaaatg aaaatattnt aggatttatt caaaaacaga ctattctgnt ntcagctnca 480  
gaantgnacn atgaatccta aggaacntc tgccaacang ttgaggntng ctgnnecgaa 540  
agaaagaana aagaggcggg aanntctcag ggagaaanta nnccnntnc ttttctatnt 600  
tcagcanacc ntggaggggt gggcgagaa caagaantgt aaaggaggga tcagaaaatg 660  
gggaatnctt nggcagctgt nngaanaatga tgangaagaa nctcnnnant ctcaattncc 720  
cntnngnttc cctatnaact nttggataaa atnnggntt nggccaccaa aannacnnnt 780  
gcncncaaca gcttcattgg nccnaatnn tccaaccnct gatcggnnna cnntcaaaaag 840  
gctannngan ccgtnnctgn tanaantngn aaacnangcc caccccc 887

<210> 4944  
<211> 1201  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1201)  
<223> n = A,T,C or G

<400> 4944

nccccacnn	cnnnnacac	nnanacnacn	cacacanann	nccnancnnn	nnnncanncn	60
aaccnanaat	ananaccncn	cacnccnnan	ancanacann	nacnnncncc	anacnaanaa	120
aaaaanctnn	cannnnnnana	nacaaaccnn	ganaganagg	ancncttttn	cnaanaaaan	180
acncgggnan	nnnnncggaa	angnannaca	cgagagngna	nactngtnaa	nagccccttt	240
tgcnaaaaac	nccttngggc	aaaancnccc	gcctcannac	cananagnnc	atngnnncnc	300
ntacnacgcc	naancatccn	aatgccntca	gctannnnngn	gggangnggg	gaaccccaca	360
acanaacnan	anannacncc	nacctaencc	acnacannna	acnngaccat	cactccaacc	420
aggacaacnn	caacaaacta	cnnanancgg	acnaanatct	nancacancc	ctctancaac	480
cannacacca	acaccaacnc	ctncatcnac	ancccaaaa	aggcacnaca	ccncanaccc	540
catcaccatc	acanccaaaa	aaaatnnnnng	ctccnaccac	nccacaacnn	ncagtnacat	600
cancggaaac	cangattaca	nnanngannn	caaacancca	tcgcnencnc	ntacaacagc	660
gnnaannaca	tccaaaccnn	gaanccaaaa	ncgacaacat	nttatnccca	acaanagggc	720
aacangaaca	accccncgan	angnganaan	atanacngaa	aaangcnata	ntccnatcac	780
ccaannnncan	aaacacntnc	tnnncccnng	nacannncca	taaaacacat	agccctnaaa	840
aacaacnncn	naaaacccag	acnnnnancn	caaaaccaa	anatctcgcn	anaaactcta	900
ananatcnaa	ccaannanac	taanacnct	canaaaanag	cctcnacgga	ggaaaaaaan	960
aacacctann	acaaaacanc	accacnntgg	annacaaaaa	anctcnenca	aggcnctcta	1020
canttaaaaa	accccnnnac	tncacacnnc	cccacanaca	canacncgca	acctcanntn	1080
tcaaaantaaa	atcnacacan	acnanccact	anccnnncaa	nacnantngg	angcaaanc	1140
cnaaacccnn	tntntcnann	nngncccccn	aaccctcnca	naaatnccaa	nacaancanc	1200
						1201

C

<210> 4945  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (769)  
 <223> n = A,T,C or G

<400> 4945

cnttttnttt	tcttttcaac	angctcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcagcagc	ccagatgggg	gtgtttttca	ggtctctcac	aatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgctg	ccccgctcag	tgcccgctg	420
agccctcaga	gctcccctgt	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgccttg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttctctc	tgctgggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (769)

<223> n = A,T,C or G

<400> 4946

entttnttt	tcttttcaac	angetcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcaecgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tgggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgctg	420
agccctcaga	gctccctgt	gcttttctgg	atggggactg	gcggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggccac	gcagtattcc	tcgtgcctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttccctc	tgccctgggtt	600
tagagttaaa	tgtaactaac	ttttattttt	cccccttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

ntttcaaate	gcttggtac	ttgttcttct	tgcaggatcc	catgcgattc	gctactgagc	60
ctggcttgca	actgggggtga	gtccacactt	gaacgtcgat	cctcctgcct	ggtggagcca	120
tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataaa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttgga	aaccacaact	agaatgcagt	gaaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttatttgta	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcattt	tatgtttcan	gttcaggggg	aggtgtggga	ggttttttta	ttcgcgcccg	480
cngcgccaat	gcattgggccc	cggtacccag	cttttgttcc	ctttagttag	ggttaattgc	540
gcgcttgccg	taatcatggt	catagctgtt	tccgtgtgta	aattgggtatc	cgctcacaat	600
tnacacaaac	atacganccg	ggagcataaa	gtgtaaagcc	tgggggtgcct	aatgagttag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

gncnncnctt	ttgnaaancc	ccttttnnnn	aagnnccttn	cncctttgcn	aancgcttgg	60
gcaactcgca	ntctctcnan	acagcaagg	ctgtggcgaa	tnccggcacgn	agccgccnnn	120
tctncanncn	ntgtcaggnn	nnagnctgan	getancnnct	ncnnantgcy	nnnnnngaan	180



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cccanngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg 240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta 300
accactagac natccatctg tatcacnnng ttnagccatc tttacngatn taagntccac 360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagncctngaa cacaactggn 420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt 480
aaacntgcan gctcatcgtc aaagaatnat ccanatnccg ggacactggc nggacacnnn 540
catgtcnatc natgaacaac ctanaggcct tgcctangaa ncgctgccta ccactnnnna 600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna 660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna 720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccctt 780
aaaanntccc nnnnc 795

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<210> 4949
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (784)
<223> n = A,T,C or G

```

```

<400> 4949
ttntttttt tggttaccct ttgctctnng nctttttgca ggatccctcg attcgaattc 60
ggcacgagcc ttccacggtt atttcacaga tatggagagc tgggaagcagg gagtgagtct 120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagtccatc 180
caccataaaa cacacagggtg actttgcctt gaatctgcag gactgaagcc aactcttggg 240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt 300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact 360
tttgggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg 420
aacagtgggtt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag 480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga 540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa 600
ntncnnannn nccncccacc nanctnncna aaaaaanctt cganccttta aaaacnnntn 660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa 720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatatt 780
gnnt 784

```

```

<210> 4950
<211> 737
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

```

```

<400> 4950
gttcttttgc aggatccctc gattcgaatt cggcacgagg ttatattaaa ttattctttg 60
tttttctttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt 120
agtaaagtat catcttggca gtgtgccaaa ggtgaaaatg atgctttctc taacagagaa 180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt 240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg 300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca 360
gagattcaag catagtnta agggtagatc agaaatgaca aatgaattca aaacctagca 420

```

gggtgcattgt	aaatgtgtgc	ccagttatgt	tttggaaatg	gcagttcctt	ggggtcatgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atcttctaaa	tttattagga	540
ttatccncgt	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatgngtggc	ttaaaaaatt	tatcnnngac	ccccanacan	660
ggaaacnana	antatttngn	tcctgcangg	ttcattgcc	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

&lt;210&gt; 4951

&lt;211&gt; 785

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (785)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4951

ttgnanccnt	ttgaaaccct	ttttanantt	ctancatata	agctacttgt	ncttttttgc	60
ggatcccatc	gattcgaatt	cggcacgagg	gcnactntgn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nangtncatn	tattcattct	240
gttncatat	agcaaaactg	aatgtcaaaa	gtncnttctg	tccacacaca	caaaatctgc	300
atgtattggt	tgggtggtcct	gtcccctana	gatcaagctn	cacatcagtt	ttacnatata	360
aatacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctngg	gctggccagt	tttnnatgcn	tgacagctga	cnantgagca	cactcaggcc	480
tttgtnttaa	aaatgaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttgttt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	atttaaaatn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccgggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctcgcnc	catggngaen	atgacacacc	720
ctggnggcat	gcccctgtat	gtgngttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

&lt;210&gt; 4952

&lt;211&gt; 1523

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1523)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4952

gggggggngn	ngcgngngtn	gggggggggg	gttnttcnnn	nnnnntggng	acaccccttt	60
ttttnggggg	ganaaaaacc	cnngngagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnntggagn	ngngngnggn	cncgngngng	ggcgngngnc	180
gngngggngg	ggnggggggt	nnnttttttt	tngggnncng	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	gggngggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	ngggtggcgn	ggngngggcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncngggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncgnggca	nnagctggnn	gtcngngngcn	gggcggggcg	480
nagngagnag	gctcnatngg	gggngggcgg	ggngtgnggn	ggggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggngcggn	gggnggnatc	gcnnngcgnt	gacggngtgn	ncggngccgg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtggtnng	gngccgngt	720

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cngtgtngng cgagnggngn gagagggagn gnngntgggt ggggncgagg ggatggccga      780
ngtctngnng gggggaggng gnggngnngn nngagggcgn tngnntggct nngggggccc      840
aggngcnggc nnnngcnggn aggggngnnn gggngaggcg gcntgggntg gccaganagn      900
gnnctggggg ggntagagng cggngnnggg gnnntgngng agacgggcng agcgggcggg      960
nggcggggcg gngngngcgt gnnagagcgn gcgggngcgn gtgngnccng gcggncngnn     1020
gcagaggngg gacacagcnn cggagngngg tgnatgngga gangagngng nnnngtggcg     1080
nacggttagc gggcngcngg gagagngagg tngcngtggg ggagcnntcg cngcctagag     1140
aggcngcggc gnnngatag gnggggngga gcntgngngg ganncgatc tagggagcgc     1200
gagtgggngg nggtngacgn gagggggngg tgntnggaga gngggngagc cngngcngn      1260
tgtagagagn cagnggcgtg ccngtgggc anagggcgng tgcnnngta ganatggntg      1320
nngcnctgcg gcngcgcagg cnntagngng ngtnngngng gangagcng tgtgggcng      1380
cgcgngggg ggcggcngag tgacgntng cgcgatngnn nggccnccgn ngcgngcgca      1440
gangngangg gngngcnng cgcgnggaga nngnnaggna cagggcgagg gangcgangn      1500
gntgtgtgnn agngcgggn ggt                                           1523

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<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4953

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gacttcnctt tcnaanannc tnggaagctn antnncctaa ananaagggtc ntgggcgaga      . 60
gttctggatg agacttggtg tgggtccattc tgggacaaaa ttcctctctc tctctctctg     120
cggaccctgt aaatctagaa aataagttat ttgcttctaa aatacagtga tgggacagac     180
ataggataga cattcccatt tcaaaagtga gaaattgggc caggtgcagt ggctcacacc     240
tgtaacccca gcacctgtaa tcctagctcc ccaggcggct gaggcaggag gattgcttga     300
gcctgggaga tcaaggttgt agtgagccat gattgcgcca cctttatttg gaaactttta     360
ttccagttac caataacaca ttctctattt nctccagaga cctcaccaga aacaccttta     420
atattcatat ttctagcagc cttctgttca taacaatata tgcctcctgt taagatgata     480
ggagatttct cttgcacctc tcctctttgn gagcctgcan gggacattcc cttttaatgt     540
ccatatttct accagcagtt ctcttnaaag caagtctaag gtntttctta acattacacc     600
tnaaaattct tgcantnttt nnccaagcac agtgccctac atctggtaat tcctaactact     660
ttganaaggc cnaacatgga acaggaatgc ttgagctcaa ngagttcaag accagcncgg      720
gcaanattat ggaacctnnc cttttcnaaa aattncnt                                758

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<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4954

```

tgagncnttn nanccttttg aaatttttan acagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggttgctctt ccatgcgttg gtcagggggc cctgaaaaca     120
ctggtaatat taagagtctt tctcagggtg acttaatgtt ttcttaatga acaatgtttc     180
cagctacaaa ttctttcaat aaattgtctt cctttttgaa aagtactctc atagaagaaa     240
tttagcaatt tctcgttgac tgactcagtc tattttaagt attcagaaaa gattttgatc     300

```

```

cccatgtgagt taatgctctg ccttgaaaat tatttttctg atccttggtta gtgataacat 360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta 420
atgtattctg taaaaaagta ttcattattgg caatttttagt taggcataat attgtgggtg 480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta 540
agaggtaatt cacttcttat tcctttccaa taattattac attctaaatt ttcattctatg 600
agaaataaca aacaagaagg gaatagaatt aaattggggg ataactaat cttcattgggt 660
taaattggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaataaat 720
gccttcaccc attttctacc tgggtgacttg aaaaatggac cttttaagtt aggaagaagt 780
t 781

```

&lt;210&gt; 4955

&lt;211&gt; 939

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (939)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4955

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gnnnttctaa tttcctaaat ggctgggcta cttgttcttt ttgcagggtat cccatcgatt 60
cgaattcggc acgagtgaag aggaaaaagt tcaaaaaata aattacattt tataaataag 120
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg 180
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang 240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaance 300
actaacagtt atgcctntna tcttgaatct gtctcacta gtttctgnt nctgggcnt 360
gttactttat gtttcttnc ntcannntac ctttaatatg anaatannta tnattntttn 420
accatgggtc cttacttnan ngatannttt ntnatnntg catngnnata nnancntnnn 480
gtnccttcnn cantntaaat tcttaannnt nntcnttatt cnntnttctnt ntntntttnn 540
tnattnnnnn ntntntacnc ttannntecn cnacatcanc caatttttnt nntnnnttnt 600
tncannanaa ttnntntttt tnatanattt tnntntactt ntgnnanatn gggntnatnt 660
tnentnnena antgggttnnn nnnntttttn ncnennnann naacntcctt tnacnttct 720
tnnnatnnnc nattnattan tctntnnctn ttnntatcna cncaattncn ntatntnat 780
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntnt ntanaatcc 840
nnaatntatc ttntntttnn nntctaaaan agctnttnc ntttnnaatc nctntntnt 900
nnattntntt ttantctnta cnanactttt nttacttctn 939

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&lt;210&gt; 4956

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4956

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ttganccttt atacagctnt tgatttgana cttttanaca gctacttggt ctttttgcag 60
gacccatcga ttcgaattcg gcacgaggga acatctttac caccaacgtt ttacctctgc 120
ttcaacaatt tggccttgct aaagacacct gctcatatgt aaatgtggaa gatgtctcag 180
gagccatata acatctgtcc cttggggaga tcccagctat ggcacagccg tttgtatcct 240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct 300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc atttttctgt 360
gaacacatcc acttcacaag ccttggttct gatacttagt atctagagct ggggtgagaa 420

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aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggaacagtgt	540
tctgcttttt	aatcctattt	agcttggttc	agaaattctc	acttttggtg	actgccaaaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctggttca	aaatcagtca	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
ttgttggttg	tgctctttca	cgagacctga	attttagaat	tgcccagtgc	tgccagagtg	780

&lt;210&gt; 4957

&lt;211&gt; 1210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1210)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggaacn	agtatgnatg	60
catnctccc	ctgtgcgatg	agnntgncan	gannnacagc	acatgggctn	taggaacntn	120
angtgcnaa	nctnnengan	tgnnncngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gocnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnttn	tnnntgggga	aaantnccan	420
ncctngnga	caagantngg	atttttaacc	caattggggg	aaacccgcct	tgggcncact	480
ttnggggttt	nnccccaaaa	ttttcccncc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	nccngttaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcnttnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaanaa	aacctnggga	aantcccntt	tnntaattaa	ncacccctggg	780
gacgtccana	ttggggggng	acatttgcnc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaant	tntnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgggtcaa	ttgaaaatcc	aaaaattann	tgccccctgn	nagacnggn	960
ntcaaatagg	ccgcttnntg	gtacttcncc	taaacaatcn	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaacccg	cnnntgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcantagtg	acccggnnng	gttncaann	1200
ttcntntgce						1210

&lt;210&gt; 4958

&lt;211&gt; 837

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(837)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4958

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gaanntcngn	gccgagggtg	tggnctcaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tgngaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tgttccacat	gganagggaa	gnctaancgc	tattcanaac	anttcnnttt	240
tgtatttaat	taancnattg	cagctatctg	ggattttcgg	gncagaatat	taanttcctg	300

```

gntgattctn catattccaa tgnatnaaat ncanaaccat tgngncttta agatngtgte 360
aatnttcacc taacaactng tgcennaagc acctgcattg gtaatnatat ttcncttaaa 420
gggcaaattc tgncantntc ctgntaactc aaaagtgcac tnttcnctt caaaaatggt 480
gntctcagtn atcncacatn ctgcaganat ntatttatat ctatacntat anctnnntga 540
aatacnntta ctcacnaaat ntattnctga tnaacattcc catgtttaa atctnangcccc 600
aaacctttct aaattntggc cctnanncc nttaatatn taaaaaaatc taaaattctg 660
nnntttcaaa tttgnnctnt aagcntttnt aanaaatntt cncnacntt gcctttccaa 720
taccctnccc cttggnttaa cnaaatttnc tttnaatanc cntcaccttc ananactgga 780
ttctctttca aattnnntct ngentogaat cattantaac ttttggnct ctncct 837

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&lt;210&gt; 4959

&lt;211&gt; 1302

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1302)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4959

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gnccggcgcc agtgcngtac ccanagcaga acgacccgta aaaccccttg ggaangnccg 60
ggacgggncn cngnggccgn nccncacncg cncncnnnac acccctttt nccccattt 120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagncccc 180
nnccgcnngg ganncanang ngcngnnaag naaccngng cncncaancan ccngngcgng 240
cccacanaa cnggccanaa gananaacgca agcgnacgag gncgaagncg ggngnacagn 300
aanaaacnnn cngcacngcg naaaangccg cnaacanna gcnaagggng aacngacac 360
ngccngancn cncgncggan ncacngannn ncgcannanc gcacangagc gganaccacc 420
cagcnggcca naangcgga canacgncnc ggggnnnncn anccgngncc canangnnna 480
gacnnggna caccnncca cccnangcc nagannncan aannccnagn naccnagac 540
annacnnnnn ganncnnn cnaaccgagg nacannncg nanngnngac cennnnctnn 600
nnngcnnana nannccnnac ancccccca nccncccgag ngaaacncnn naangaccan 660
cncaanaaga cncncgaca nnacacnngn gccancnaa nncaacacna agnnnaccan 720
acngcncnnc gnacnaaacn ncacgncgc ggagcccgaa ccaacgcacg acacgcgacg 780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcgnanc gccggacnca 840
nngacanncc gaanagannc gcggnangng cacgaancaa cggccannng nnganngagg 900
agcnacaacc ncnacggang cgangccgna nagangacgg accaagacnn gaanaccgnc 960
gagggcnaac aaacggncga cggccgcgga ancnacnan cncngnnggn canncnngac 1020
ccngananca cacancgnc accacangnn ngnggaacac gacaangcca cgnacanaac 1080
gacgaagcan gaacanagnn gncgcaannn nnancnagnn nggaanacac acncgaaccg 1140
aacacanacg aagnaanaac aagagcanna gnagaagcnn acacagacac naaacngnaa 1200
ccggcccnna gnancncan gcnncngcan cagngcaca naanncggn ncccacgcca 1260
aaacngcnac agnncgcaac gnangncnnc acgcanacg cc 1302

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&lt;210&gt; 4960

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4960

```

aanaacgtaa ttnaacgcta gcgctctngn ngatccngna gntctntct tcttccaatg 60

```

ccngaananc	tgcnnntggna	tgnngctaca	tgnatctagg	tgttgangct	ttacnecgna	120
gttgncngat	gacgcntggc	anangnccag	gntntnnnta	natecnaaca	ncatantgag	180
gnatnggatg	cctacnngca	gagncgacag	aactcacgct	ntaaaannag	gcgccacaca	240
egggacgant	acgtnagaaa	naatncnntg	tgngtgtntt	tcctactcnc	ttactcacag	300
cncatcagaa	ggaagnngac	naenagctng	aagcnggctt	nataccnnat	atcgncngct	360
acancctgng	ncaccactgc	catngcgatg	ctnnactnca	nctaattnta	ccatnnanga	420
tgntcatgn	acctgnncta	gcncggcan	ncttntggng	gcccctatnn	tagagaacgg	480
cttnnctcca	cactgtaatg	gtagnattg	tggatnttcc	tctatcatgg	aaggganttg	540
aaacngntnc	netggagggt	nnggntgtng	actgcacttg	nagcattcgn	attcatgntg	600
anctcggaga	ttnactctgg	ngttccatca	actntgantn	caaacangat	gacnnngat	660
taggncgntt	tccaatgttt	gngccaaatt	tgttaanann	aacnacngga	ttncaannta	720
anttggnnaa	ncentnttaa	ccnttcgggc	tctgtctect	nnentngcc		769

&lt;210&gt; 4961

&lt;211&gt; 880

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(880)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4961

tnctttnttt	actttcgctc	ccgttctttt	tgcnatcccc	ncgattcgaa	ttcggcacga	60
gagagggtgg	ggctctggcca	cataggtacc	tctgtggctc	tggctctgggg	ttagacactg	120
ttaggggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttaggggt	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattctttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	aggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta	480
tggaaattgt	tatcacanaa	ttcttccncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatattttgc	ctgnngaaat	tcttaaattt	cttgnncctt	atngggaaaag	gtnaacccaa	600
nacnntcang	naancccat	ccntttttt	tggcnttttg	aaacttgncn	acccggttng	660
gncanccccc	aatttttct	aaaaatttaa	tggtaaaaac	ttttanacc	cantatcant	720
nnnnnccatt	ancnaccn	ctncatntac	ccngccccn	tctncttnaa	tanaaacttc	780
tengntgecc	cttttttnaa	anaantcttt	tannnncgaa	ccccctctt	tttcccgct	840
nnatatttnc	ncatcccttt	tgnanttcac	ntactcnnnt			880

&lt;210&gt; 4962

&lt;211&gt; 880

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(880)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4962

tnctttnttt	actttcgctc	ccgttctttt	tgcnatcccc	ncgattcgaa	ttcggcacga	60
gagagggtgg	ggctctggcca	cataggtacc	tctgtggctc	tggctctgggg	ttagacactg	120
ttaggggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttaggggt	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattctttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300

atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta	480
tggaaaattgt	tatcacanaa	ttcttcncc	tgaacttca	agttntatna	agacaaccaa	540
ntatatattgc	ctgnngaaat	tcttaaattt	cttgnncctt	atngggaaag	gtnaacccaa	600
nacnntcang	naancecatt	cccntttttt	tggcnttttg	aaacttgnen	acccggttng	660
gncanccccc	aatttttctt	aaaaatttaa	tggtaaaacc	ttttanacc	cantatcant	720
nnnnnccatt	ancnaccen	ctncatntac	ccngccccn	tctncttnaa	tanaaacctc	780
tcngntgccc	cttttttnaa	anaantcttt	tannnncgaa	ccccentctt	tttcccgctt	840
nnatattncc	ncatcccttt	tgnanttcac	ntactccntt			880

&lt;210&gt; 4963

&lt;211&gt; 778

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(778)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4963

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tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	cagggtgatc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatgggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaagtattg	aactttctag	gaagtaccta	360
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gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540
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gcanaggcca	ataaaaagtt	cagagttnca	naaacatcaa	ancctnntcn	ancnncnnna	660
tannnncttc	actcacatcn	nencatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnntacct	cnccnttccn	tennaantcc	ctccncaecg	ncnnncnt	778

&lt;210&gt; 4964

&lt;211&gt; 778

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(778)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4964

tctttttttg	gaaccnttn	tngctctttt	tgcggaacca	tcgattcgct	ctggagtagc	60
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tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	cagggtgatc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatgggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaagtattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaaata	tacacttatc	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540



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catagccttt ccccttagt gttcttcacc tgaatgtagt anttgnactc ttcaagtcta 600
gcanaggcca ataaaaagt cagagtttnc naaacatcaa ancctnntcn ancnennnna 660
tannnncttc actcacatcn nncatcccc acntacaaac ncacnnnnnc nccccntnn 720
ctnccccntt acnntacct encnttccn tcnnaantcc ctccncacgc ncnncnt 778

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<210> 4965
<211> 827
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

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<400> 4965
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ggcccnnggan aacactggtn atattaacag tctttctnag ggtaacttaa tgttttctta 180
atgaacanat gttccagcta ccaaattctt atcaanaaat cggcttcctt tntgaaaagt 240
actctcatag aagaaattta gcaatttctc gtgactgact caantatatt taagtatnca 300
naaaagattt tgatccccat tgagttaatg ctctgccttg aaaattantt ttctgaccc 360
tgntagtgat aacatTTTTT ttctactgaa ggtcagagga tnggaaacaa gtattcctct 420
nctggtatag atgtaatgta ttctgtaaaa aagtattcat atnggcaatt ttagttangc 480
ataatattgt ggttgtaatt ttnnaaactt tagtggtttt gncctgatta aagccancgc 540
ttgatcaggg tatctcctaa agaggggnat tccacctttn tattcctttc caatgaatta 600
tnacattcta aattttcctc tntggagaaa nnnacaacca agnangggga atnggaatta 660
aaattggggg tataaatcna nncntccatt gnttnaaatt ggntgccctt cncaccantt 720
gaagcccatt tttttatagc ctgagaaagg agggaaataa atgccnccca cctttttntt 780
cctggtagac ttngaaaaat tnacnttta agttangaac aaagtct 827

```

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<210> 4966
<211> 785
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

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<400> 4966
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aggagaatca cttgaaccca ggagacgaac gttgcagtga cccgagatcg taccactgca 180
ctccatcctg agtgacagag cgaaactcca tcttggggga ggaaaaaaa gaaagtaata 240
gggangnaaa tcagaanttg tgtgggagtc cccctatntc tggctcttgn tannatactn 300
nacctgtcag gcnatnctga gagcgaange tntgcntag ggctagtctt cattcagant 360
ggtttttgat aggcataaac tagtctaact caaagcatat ttctgtgtaa gctagcatag 420
ctcctntact tggcttcata ncnttggaca ttaatcgaga aaagtgaaaa aggaggggtt 480
ggncctgcct tgaatagcat ttgattntta atcctacatt ntatcagagc cccagccttt 540
naaatgttta atagccttat gtgctgtttt gccacgctta cnaagtngt acttctgtga 600
atgaaaaagt gtgactggac tnacataaac tggnatggac tnnagtcct cagtntattt 660
ccatnttcaa ggnaaaaccc aangactggg ttntcctctn ttttcttttg aanatganng 720
cnnctaaaaa tcaantaatt ggggctgggg tgtggaagcc caccttgtga aantcttatg 780
ctttn 785

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<210> 4967  
 <211> 975  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(975)  
 <223> n = A,T,C or G

<400> 4967  
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 ncgantaana ggttngtcgg cngctctggc tgcccgggcg ttnagcagca tggncctcnc 180  
 aggggcacag tanngcgect cccganttac cggagcgnaa ctgccaggta ccgnaagtc 240  
 nnctctggna tcagcgctac caaggcgtag ncgantctgc caagctacct tagganccgg 300  
 gactnatcct acttccgtgc cctactagag ccggagntnc ngnccgagga ccgnatcntt 360  
 gtntctangt gcngaacan ngcctgacg tactaatctg ttccttanga cgtncncta 420  
 atgnnaccag tgcngactac tcatcnatac nnggnagctt gatngcngc ctnacnatgc 480  
 ccatgtgccc nnatcctcnc tnnaaaaacn nngaattgtg gcgaangctg ngacntttcn 540  
 ccaaagcttt gtttttgaan tnggttntc gaaaaaanng ncnacttg ggaatncccc 600  
 tnaattngca tggggggaaa cttaaagnttc cccttggnaa ccccatnnta nccctttnta 660  
 aaaagggtat ttaaccccaa ctttgggggg aaccccaaaa ntnttttgta aacntntaat 720  
 ntctcggaag ccctgggaan nantttgngn aancctntag nnaagggggc cnggnanttc 780  
 ttnttcnttn naacangaan ntnttttann gccnngaccn ncctcgannn ttttaaaggg 840  
 gcccnanaan cctntnttgg ccnnaaaacc ctttttagngg ttnaggancc ttgaggaatg 900  
 cccccctttt ggnaatgngg atttccactt nccnatgngt aaccnana naaaangngg 960  
 gaaaagctaa aance 975

<210> 4968  
 <211> 1150  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1150)  
 <223> n = A,T,C or G

<400> 4968  
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 ngngntggcg aanttcggca cgagtngaa gcatncacat atccttagaa tagtnnact 120  
 tnggctatna acccctngcc ggctgnggct ccccantgtg gtnantctgn natgtgctat 180  
 acccaacctg gagcangggc gccatgectg gctaattann ngtnattact tttntcanca 240  
 gatggggctc tcactntgnt gnccangctt gngtctagaa ctectgggct ncaanttgat 300  
 actcctgect gagcctccca aagtgcntgg gattatagac atgagcaaat tgtacttggg 360  
 ctcaaatttc ttgnttnaaa ttgggctttt ttgtcagaag naatgngcnc ncctttgaat 420  
 tatnatnttg atcttggtct cattgtatta cttngnacc cttatcnac natangant 480  
 tctatnttta ttcaatgaaa gcngccctgg ggaattttat tgnacctng tanccacntn 540  
 cngnggectn tngngnnntc taaatatcnn tngtccgctc tacntnnaat ntgggggggc 600  
 nccttatact cnggtncacn nnatngnaaa aatnggttgt cctntaactt tcttnncaaa 660  
 atntgcgga gatntntntt gnggnntant tttnanagcn ctnttngtna nntnnenttt 720  
 tggngncaan tttatncact ntngaaana nccccctnt atcnntataa ccaatttcgg 780  
 naanatnngt canatatnt acattatcct ctaattntn cccaatang ntnanttact 840  
 ctncaaatnn nctantatt cgngnttcta tncnanaatt ntctananan ttctntncca 900  
 ntntctgnga ntntttctgn aannnttcat ncgtgcggan tannctatgn ggacntaaat 960

```

ntttntancc cccgganntt nttncntaaa aaangataaan gnctttttcc acanactcca 1020
acaaantcct ngtggnnac ttaaantnnn tcatncct cnggnaacat gtctnctntc 1080
ttanagtagc ncatnttga tcnatntana aaggnaaatn ntgatnnggn gctctntcta 1140
cttatcanc 1150

```

```

<210> 4969
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

```

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<400> 4969
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angnntntct gactnttnnn ctatgtaata ngcaggngta gttgnntntn tgctgccatg 120
natgnatnna catnncatgt gcagtgtctn acgtaatacn ctccnatnaa nctngttggn 180
cntactnttc nncaacntgg atatgncant ttgnncagna cnantgntgc anattggaan 240
atgatggcct nactcttacn atgtgattgc ctatatgncc tctnnacctt gaatacntnt 300
gntatncnan ncanagtntc aaaggatgnc natnatagca gcnctctttn naaataagga 360
aacntccttg aataatgtaa aagcctcata tacaataatg aataataaag aataatgtga 420
aggcttcatt caaggttggn gtttgccaga tcattgcaac aaaatgacag agcanccaac 480
gtatttanga tagtgcccaa agtattgtaa tgatggctta tggagtgtca gctggataaa 540
gagtgaataa gactaaaaac taatggattg ttcagtcgaa tagcanatgg tcaatggtca 600
tggccagtat aataggggga cccaaatana aattggaaga ccagtcana agtggggant 660
tgatcaattc canccaaaag tgggaatggg cagggggaatc ggtaggcccc anggttccaa 720
aaatgttacc agnggncaat tttgttggcc ccatggtggg gaatccaang gc 772

```

```

<210> 4970
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (710)
<223> n = A,T,C or G

```

```

<400> 4970
ttcnaatagc tnggctcttg ttctttttgc aggatccctc gattcgaatt cggcacgaga 60
gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120
ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaaa 240
ctgttatctt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300
aagctgcgag atttcagagt tttccaagggt gtaaacaaact aaattttgtg atcaaaaatga 360
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa 420
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt 480
ttgtttgttt tggggaacag ggtcaaaaatt ttcattctgc ataaggtagg tttagtcttt 540
ttcaaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta 600
atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggttagcag 660
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaen 710

```

```

<210> 4971
<211> 710

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<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 4971  
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gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120  
ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180  
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag 240  
ctgttatattt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300  
aagctgcgag atttcagagt tttccaaggt gtaaacaaact aaattttgtg atcaaaatga 360  
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa 420  
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt 480  
ttgtttgttt tggggaacag ggtcaaaatt ttcattctgc ataaggtagg tttagtcttt 540  
ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta 600  
atatttttga gttcctactg tttatttttt caataaaaac tcagggttctc aggttagcag 660  
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan 710

<210> 4972  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 4972  
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gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta 120  
ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg 180  
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag 240  
ctgttatattt ctaagcagta gacaaagggt tacactgaca atagctgtgg agatagagaa 300  
aagctgcgag atttcagagt tttccaaggt gtaaacaaact aaattttgtg atcaaaatga 360  
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa 420  
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt 480  
ttgtttgttt tggggaacag ggtcaaaatt ttcattctgc ataaggtagg tttagtcttt 540  
ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta 600  
atatttttga gttcctactg tttatttttt caataaaaac tcagggttctc aggttagcag 660  
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan 710

<210> 4973  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(755)  
<223> n = A,T,C or G

&lt;400&gt; 4973

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gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagattttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctgggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnagggtt	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

&lt;210&gt; 4974

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(755)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4974

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagattttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctgggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnagggtt	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

&lt;210&gt; 4975

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(755)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4975

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaat	tgtgatccaa	360
atgataagg	ccatctaata	ngctggggaa	tgtgggatct	gnctggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttggtt	gttctgngga	accagggtcn	aaattttccat	tctgcatnan	gtncgntnag	540
tccntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
cctnnctaa	tatttttgag	ttccctactg	nttaattcttc	cccaattaaa	acctcacgtt	660
ctcnaggtn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

&lt;210&gt; 4976

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4976

cntttctttt	tnnaaccntt	tgccactctg	ctcnttttgc	aggntcccat	cgattcgctg	60
gttttgattg	gtcagattct	tttttcaacta	gcggcgggtt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttggggaat	atctgccttt	atcttcttaa	tgtaaacggg	cacngagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc	300
cccgtgggtca	ccgaggagat	cgccacctcc	atcgaacca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtc	tgtctctcat	tctgcccagg	420
agcagccngt	acatnaagt	gatcgtctct	gcngggcttg	cccagggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtacctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnngngga	actnaancgc	nttaaaatng	720
ccananaanc	ngctnccttt	ctcggnnaacc	nnnccccnc	n		761

&lt;210&gt; 4977

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4977

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gttttgattg	gtcagattct	tttttcaacta	gcggcgggtt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttggggaat	atctgccttt	atcttcttaa	tgtaaacggg	cacngagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc	300
cccgtgggtca	ccgaggagat	cgccacctcc	atcgaacca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtc	tgtctctcat	tctgcccagg	420
agcagccngt	acatnaagt	gatcgtctct	gcngggcttg	cccagggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggcntcatcc	tctcnggagg	tgtacctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccga	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna	660

gatgattgga ccnttgaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng 720  
ccananaanc ngctnccttt ctcgnaacc nncnccccnc n 761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4978

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gttttgattg	gtcagattct	tttttacta	gcggcgggtt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaaacggt	cacngagctg	240
ctggacgtct	ccatggagct	gggctgtttc	ctggctggag	cgctcgtctc	ctctcagggc	300
cccgtgggtc	ccgaggagat	cgccacctcc	atcgaaacca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctgggtc	tgtctctcat	tctgccgagg	420
agcagccngt	acatnaagt	gacgtctct	gcngggcttg	cccaggtcan	cgagttttcc	480
tttgctctgn	ggagccnggc	gcgaagagcn	ggctcatcc	tctcnggagg	tgtacctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccg	agtgtgtgcc	cngacccgaa	gaancngtc	cancctttga	tggcttcnna	660
gatgattgga	ccnttgaaa	ngggaacctc	ttnngnga	actnaancgc	nttaaaatng	720
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<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4979

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ctgggttttga	ttggtcagat	tcttttttca	ctagcggcgg	tttttctttt	atgtcttggt	120
ataaagaagt	atctcattgg	accctattat	cggaagctgc	acatggaaag	caaggggaac	180
aaagaaatcc	tgatcttggg	aatatctgcc	tttatcttct	taatgttaac	ggtcacggag	240
ctgctgggacg	tctccatgga	gctgggctgt	ttcctggctg	gagcgcctcg	ctcctctcag	300
ggccccgtgg	tcaccgagga	gatcgccacc	tccatcgaa	ccatccgcga	cttctgggcc	360
atcgttttct	tcgcctccat	agtttctcct	ggcggcgcgt	gtcctgtctc	tcattctgcc	420
gaggagcagc	cagtacatca	agnggatcgt	ctctgccggg	gcttgcccag	gtcagcgagt	480
nttncctttg	ccctggggag	cccgggcgcc	aantagcggg	cgtcactctc	cnggaagggtg	540
taccctcent	atacctgagn	ngtgaccenc	gcctnaagcc	cttcttgcc	cgcccccccg	600
tncctttcgn	aananncttn	ncnatcenc	aagggttgtn	nttgcccccc	anaacccccg	660
gnancanaan	ccgggtncce	aanccnttc	ttnaannggc	cttccgggcn	anattcnaan	720
tggggcccc	ctcngnnaaa	ngggnnaaan	nccttcttnt	nngnggaaa	tattgaaacc	780
nccttnaaaa	natgggnccc	nncnacctc	gtccctttt	tntggggcaa	aacctnnngc	840
caccntnecg						850

<210> 4980

<211> 1523  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1523)  
<223> n = A,T,C or G

<400> 4980

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ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngnggn	cncgngngng	ggcgngngnc	180
gnggggggng	ggnggggggt	nnnttttttt	tnnggnncng	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggngggag	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	ggngcgnggg	ngggtggcgn	ggnggngggc	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgctngggg	cgcggcgggg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncgnggca	nngagctggn	gtcngngngc	ggcgggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	ggggnccncg	aggnggggga	540
nnaggcgtn	ggcnggntcg	nnngngcggg	ggcgancggg	gagnttgngg	ngggggccag	600
gngngggngg	ggggnggggn	ggggngnate	gcnnngcgnt	gacggngtgn	ncgggnccgg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtgggtng	gngccgngt	720
cngtgtnng	cgagngnggn	gagagggagn	gnngntgggt	ggggngcgag	ggatggccga	780
gngtcngng	gggggagng	gngngngngn	nngagggcgn	tnngntggct	nnngggggcc	840
aggngcnggc	nnngcgnggn	agggngnnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngnggg	gnnnntgngg	agacgggcng	agcgggcggg	960
nggcggggcg	gngngngcgt	ggnagagcgn	gcggngcgcn	gtgngncng	gcgngcngnn	1020
gcagaggngg	gacacagcnn	cggagngngg	tgngatgnga	gangagngng	nnngtgggcg	1080
nacggttagc	gggngcgng	gagagngagg	tgngcngtgg	ggagcngtcg	cngctagag	1140
aggcngcgcc	gnngngatag	gnggggngga	gcntgngngg	gannccgata	tagggagcgc	1200
gagtggngg	nggtngacgn	gagggggngg	tgntnggaga	gngggngagc	cngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nngcncctgc	gcnggcgagg	cnntaggnng	ngtgngngng	gangagcgng	tgtgggcngg	1380
cgcgnggggg	ggcggcngag	tgacgntnng	cgcgatngnn	nggccnccgn	ngcgngcgca	1440
gangngangg	gngnggcnnn	cgcgnggaga	nngnnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4981  
<211> 757  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(757)  
<223> n = A,T,C or G

<400> 4981

tnntctcnn	tgnaaccctt	tttctaaagn	cccttttgca	ggatcccatc	gattcgggag	60
aactgctcac	tccttttccc	tccccataca	aactcaaagt	cctttggggc	ccaattcaga	120
gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	180
gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	tgaactgaca	240
gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	300
gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgttaaa	360
tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	420
gcctgtgaaa	tggttagttg	atcatttttc	cacaaagaat	taggtgttaa	gagttttcct	480



tcaggccttta	cttaggagaa	tggaactaagc	tgaagggtgta	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaact	600
ttgggtttat	tttttggtt	atnccaaagg	ggtaaancn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 4982						
gaggnnttga	agccttttta	tagatacagg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgctctcc	cgggcttaga	aggcccggct	actgacgcgc	agtgccagac	cttacccttc	120
acggncctta	agtctcggtc	gccctcgct	cgcagcctgc	caccgcgct	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgctgc	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattattc	ttttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttcc	ccatggccca	tctatcgccg	gcatectctc	420
aagtggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgaggttt	tcatgattca	gcacctgctt	ttgnttctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaattgctct	600
tatggcacia	ctggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaacc	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaaant						728

<210> 4983  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 4983						
ggnnnnnnnn	acgctatgct	ggctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	60
gcacgagcta	ggatgacatc	tggtgtattg	actgtggcca	gtcttaaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttctgttta	attcgaagct	180
cactgtgcct	cttgtttccg	agggagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcgggt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcatcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcagagccc	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttggt	aagctcanga	tgcccatgga	ttagactcat	gtagtagctt	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttggtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcggn				747

<210> 4984  
<211> 1195  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1195)  
<223> n = A,T,C or G

<400> 4984  
gggnnnnnnnn nnnnnannnn nnnnnnnngnn ngnnnnnannnn nnnnnnnnnnn anannnancnn 60  
nnnannnnna ggngaggag nangannnnn ancnnnttna nccccnttt tttnctaaaa 120  
aaagnaccct tggggttaaa ancncacct tgnccccnn aacacgagaa aaaagggggg 180  
cnggggggng gnnnnagnng nnnnnccnnn nnnnnnnng nncacnaggn cnggagcnaa 240  
gaagnnaacn tttntanca ngnaancn atnnncnna naggancnc ggggggaaan 300  
cnggaagacc ncncnnnggg nnaannana nnannanca nngngagca aacannana 360  
nnnannnggc nnaagcnaac ncnnannna nccccagca cgnnnnnnnn gnnnnnnnn 420  
nannaccnac ancncnnng acnnaagaan nacgncaana aacgnannna cncnancna 480  
gnacnnagcn nnanaacacc canncanaac caaaaanann ncnatngcnn nnnngnnann 540  
nccnnnncaa nnnnnnnnnn nccgcnnnna nannnnncan ncagncacan ncgcacancn 600  
ancnccanna gananngcc aancnnaann ncannaggnc annnacntna aggcanacan 660  
acngnncagc acncnnanac gangcnnag nganccacac annnngannnn cnnnnnnnac 720  
gnaaananca ngacngcnn ncangcgnac anaaganana acnnacganc cnaannaaac 780  
ancagcnanc annannannn annnncnnn nnnngannnn ngnnngacan acanannana 840  
nngnngancc cnnagacnan ngacnaaanc annacganga cangcnggca ncnactcaan 900  
nannagnacn ccnanaacn acncnnacn ncgcnagac naccaaanaa nnaacancac 960  
nannaacnga naanacnacc nccgcnngn cegannag cncnncnag ncnnaaccnn 1020  
annaccannn ncannnnnc cncgagcgn cngacanac acncagaacc nnnnnacaac 1080  
aanacncnca tcanannngn cnnccacnan ntncncagca cncngcna cncngacnna 1140  
ncnnngnant nncagcgaca gcgnanacn ntacnnngna acnnnnnnnc gnceg 1195

<210> 4985  
<211> 735  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(735)  
<223> n = A,T,C or G

<400> 4985  
gcaatgtgct ctngtctttt tgcaggatcc ctcgattcga attcggcacg aggccttttg 60  
tggggtctca tacataactc agtttccaca aagctgtgcc ccagctcagc cctatggnta 120  
gaagcatggt ctggggttcc tttgtgacc aggggtgtgt ctttgtccaa gttactgacc 180  
ttcccaaacc tcatcaatgc acataaaaag agcatttgca aacaatgaat ctagacatgg 240  
accttcacaa agaaataact caaaatggat cccaggccta aatgaaaaat gaaaaactat 300  
aaaactccta gaagataaca taaaagaaga tctagatgac ctaggggttg gcaatgactt 360  
tttagatcca gcaccaaagg caggatccag gaaagaaata attgataagc tggacttcat 420  
taaaacgaaa acttctgctc tgtgaaagat gctgccaaa aatgaaaaga caagccacag 480  
actgggagaa aatatttttg atggaaatat ctgagaagag aggccttgta tccaaaatat 540  
acaaagaatt tctaaaactc aataatttga aaataaaca ccaatttaa aaagtgggcc 600  
aaagatctta aatgacgcct taccaaagga agatcccngg atggcaaat aagcntatga 660  
aaagatgctt cnggctggg cacngtggct nacgcccgt atnccancct ttnggatgcc 720  
aaggcaggca gatcn 735

<210> 4986  
<211> 1497  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1497)  
<223> n = A,T,C or G

<400> 4986  
cnttcnnntt cntgaacctt tttttccnat tccccnntna tctcncgtaa tncccnncan 60  
ganttnennc ngcatccena cttantntcn tntgngngcn cagaagntnc gngacnnttt 120  
tttngcccc canactgcgn gtttntanna ngnnancgcc nngtengtnn tnnctttgnc 180  
nnnnnatatc canncctnnc tnnntnccct ancgacant ntcncaatan tnnaacgnnc 240  
nantnacctt nccnatccac ntcnagtaa aatnctnnc attncancat tagtgnnttc 300  
nannacctnn ccgtnnatat ctgtnntcca tccacaaagn ccaatcnng natcncnntn 360  
tnantatnnc ntagagnncn ccnnntccca tctatcgnt nnnnnatnct nggaccnnnn 420  
tcccatncca nnnngtnann cngantnntg tgncaennnt gngnnengca tetcaancat 480  
catctcgctt cttagcgatn tnttantcg gcgcattagg ntcnatcgnn tantnngntc 540  
ancacctant ntaatctcan tntnatcann tctacctatn tcatatcngc canacagtct 600  
cnctctaaat ncnncgcann gcncatntat caantcanna nactcntata nctcacatnt 660  
ctcnnngnnc atntactctc cnagctctgt catttttntc atctntctct ctgatacagc 720  
cacntnggaa aactagcnn cactcacna tagcennatc tatacgctcn ctntcncag 780  
ngactcgata natgcgtgcy tgntcnntct atagcnnncn nctcattngc atnananac 840  
tcnntcgcy nactgttgte ntcactctgn nncantacan tgagaagtnt tatatatagc 900  
nacnananat atagactcat ctcactacnn angacgcgan gctanactnt acttatanac 960  
ctcacnattn gncactntac ttatactntc ncntntntga nacggctnca gtatatcgcn 1020  
gggntctcac ttactntnng cncntnact ntccnngng cnnnnaacag tatntacact 1080  
ctatnaatcn canacgncna ctgctccatt ctgnnccaan ntctcntctc gcancnnnt 1140  
nnnnntcgna tnngcncgat cattgcnncn natngngtcn ctctncanna ctntctctcn 1200  
gncngccanc cacnnngnag cntctcnct atnncgaten tnngnactn antaaacctc 1260  
atcacatent cntctctcnn cncntnnnn atctaccctn ntnttnaatg cntnatgtna 1320  
ctccacgant atntcncact ttatcnntnt ccnctntatc gnnnctctnt tancagtctc 1380  
nacttatng ctctnnngnc cnacnnttna gcctcnccgn ttnatactcc ntcnncatgt 1440  
ccgntccnng nagnncata ngngnntnnn ntatcntata cgnntncan tgcacnt 1497

<210> 4987  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 4987  
tttctaaatg gcttggtct ngttctttct ncangatccc atgcgattcg aattcggcac 60  
gagcccagag aagagctttt cagagaaagg tacagacaag aagctagaaa gagtggaagg 120  
agcagcagtc ttgcaaggaa gcagggcaga gacacagccc atggcccctc actgccctgc 180  
tggaagggct gatggagctc cccgcacatg gttcctgcct gggtagacaga ggctcctgtg 240  
gccactttag aagtgcggtt tactctcat gccagatgg accttgggca gctcagttca 300  
caagatgttg gtcaggcgtc atttaaata tttcagtcag cagaggaagc aaagcgtgcc 360  
attgaggctt gtgctgtcag cggatcctcg gtctgtgtac cgcgggaagc tttgccagga 420  
ccgccttttc tactttactg tagacatagc gcatgtcact tgctgggttg gtgatggctt 480

tgcagaggtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	gccctgtggg	540
gtccttggtg	tctctggggg	cttaaggagc	ctcctcatgt	ctttaangta	gcacattga	600
tctttggatg	tggccttttg	atcttctgaa	caagctaatt	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggtca	aaatgggtat	ttgaaaaaac	720
gtntacnttt	aataaaaactt	ancaaagaga	ttntaaaatc	ccganaaaa		769

&lt;210&gt; 4988

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (795)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4988

ttgtacntct	ttttnnaaac	ccntngctac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gatttttcgag	ccatatacct	ctgtggtaga	tcctaattgat	120
cctcagatgt	tggccttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggaccccc	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatattg	tgaactgcc	agttaacagg	caattgaagt	ttatgcatac	tcacatcag	360
ttccttcttc	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttggaagca	cctttgcatt	tcattggctca	cacattgaaa	actggcactc	ctcctganga	480
atggtctggt	ngttgcttct	aatacacgat	tgcagctnca	tggngcaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcctat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaagg	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaaana	aaaggncagn	cctatccccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggaaccc	tgncn					795

&lt;210&gt; 4989

&lt;211&gt; 737

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (737)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4989

ggaatngctt	ncnnnnngctc	ttgtgcnnnga	tccentatnn	nnngcgccac	cgtgcctggc	60
tggacatgtc	aatttgaagt	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagtg	tgtttntgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaactgt	tgttgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaag	tggtttcatt	gtangtacat	agngcactgn	taatatttta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancncat	540
cacttttagat	tntatnatta	tgnacattac	tggggnttta	ncctttgcta	atgtgaagcn	600
ttcttcccta	ntaagtctac	attaccttnt	gctcatttan	atcatatata	acnataactt	660
tataantnat	ctnanaccnn	gcccttgctt	nttanacttt	cnnncgcnc	ttaccgtaga	720
tccngacatg	ataagaa					737

<210> 4990  
<211> 772  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (772)  
<223> n = A,T,C or G

<400> 4990  
tttntaant gnnntnggtnc tegtctcttnc tncannangc ncntgcnntn cgaattcggc 60  
acgagcccag ccctagatac tggcactact gaggaggatc gtttaaaaaat tgatgtaatt 120  
gactgggttg tatttgacct acgcagaggg canaagcact gaaacaaggc aatgcaatta 180  
tgagaaaatt cttggcatca aaaaagcacg aagctgcaaa agaagtattt gtgaaaattc 240  
ctcaggattc tatagcagaa atctataatc agtgcgagga acaaggaatg gaaagtccac 300  
ttcctgctga agatgataat gctatccgag aacatttgtg catcagagct tatttggaag 360  
cccatgaaac ctttaatgag tggtttaagc atatgaattc agttccacaa aaacctgctt 420  
tgatacctca accaactttt actgagaaaag tggctcatga acacaaagaa aagaaatatg 480  
aaatggattt tgggtatttg aaagggcatt tggatgccct aactgctgat gtgaaggaga 540  
aaatgtataa cgtcttggtt tttgttgatg ganggtggat ggtggatggt agagaggatg 600  
ccaaagaang accattgaaa agaacacatc aaatggctct acctgagaaa gctttgtctg 660  
cccatggtnn gttttctggt tcataccnat attgccaan actggtcaat ttcaggaatg 720  
cctacagtta ccantatggn atcctntnag cgccacanac tggacctggt nt 772

<210> 4991  
<211> 828  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (828)  
<223> n = A,T,C or G

<400> 4991  
tctatccctt nctcaatccn ttatccngnt ctttgcagga cccatcgatt cgaattcggc 60  
acgagaaaagc annaaaaaag gaannccan gntttntnc ccaaagttgt tttctagatn 120  
tgtggctnta anaaaaacaa aacacaacaa acacattggt tttctcagaa ccaggattct 180  
ctgagaggtc agagcatctc gctgttnatt tgntgttggt ttaaaatatt atgatttggc 240  
tacagaccag gcagggaaaag agacccggta attggagggt gagcctcggn ggggggcang 300  
acgccccggt ttcggcacag cccggtcact cacggcctcg ctctcgctt accccggctc 360  
ctgggctttg atggtctggt gccagtgcct gtgcccactc tgtgctgct gggangangc 420  
ccaagctctc tgggtggccgn ccctgtgcac ctggccaggg gaaagccccg nggtctgggg 480  
cctcctcna ctgcgcncac tttgcaanaa taaactctcn cctgggggtt nnctatcttt 540  
ggnnctctna ccctggtnaa gaaacgcaa ngtgggtccc naaacgnctn tncttgcaag 600  
aacaaaagta ccccttgcen acccttccctn atgggcntca acgaatntaa ggggaaggngc 660  
cccccaaggc cccctttcct gnggttngnc cngntnaant nntttggngc cngcnttttc 720  
cnaaacntnt ttatnngngt nccaancccc ttaangccan ngttcccngn ggggaacaac 780  
caannggccc ctcaagcccc aanngccct ttnccggggg cccccnt 828

<210> 4992  
<211> 1499  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1499)  
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcaactttt	tttttcccca	anaaacccgan	60
cncgtttccc	ccacngtctc	aaccnctac	acnngcgcn	anncgcnaca	cacccccgnc	120
aancanccnn	nctntcnaca	cncncaacta	cactncatac	actcncatcn	ctacncacnc	180
acatacaaca	acaccacaca	tcncntaacc	acacanacac	caccaccaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnnca	300
ccacacccct	atctcncna	cacnaccaca	ccaccccgca	aacnnnccgc	ccantcncan	360
tnccncncac	anacacacac	acancctcac	cacnacacc	canacacanc	ccccnacncn	420
caccacccac	cnnncncccc	nnccnccaac	actacaccaa	cncnnnatc	aancncacna	480
ccanccanac	cnnacccnc	cctcnacccc	ncaccnnanc	acctcacacc	ccccccanc	540
nccacnaccc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccacccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacncn	cacccccacc	ccncacccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	ccntcccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	tcccacanct	ccaacacncc	ncnanacacn	780
nncacacnca	caacacccctc	tctcncacnc	tacantcann	cacatacaca	nncatcantc	840
nctnntnnc	ccaaactnnc	actaacctng	cancncacnc	tcncnctcct	caccantcgc	900
acnccacac	ccctacccat	actcncntcc	nntntacacc	atnancacac	cacacnntnc	960
accacnnccn	acnnacncn	cnntacancn	cncancacca	cacctnacgc	acacccnat	1020
ccacancag	accacacncc	cctnccacaa	accacangac	cnnccctac	acatntacca	1080
cgnccaaaca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnaa	caaccncaca	tccagtcaac	atnaaccaca	1200
catnccanc	antncatctc	accnntacn	actcactcca	ctacncncc	tctcncacca	1260
cncnccctcc	ctatncaaca	ctcancntcn	aacactnctc	nccnctcc	cnccccacca	1320
cncntccngc	atcnncaaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
catccccan	taccatcaac	aaacacataa	gcacnccact	cccaccanac	caccnatat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccctcnc	cncncncn	1499

<210> 4993  
 <211> 1576  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1576)  
 <223> n = A,T,C or G

<400> 4993

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tngggnggtg	ctgggcccac	catnanggta	ntectentnn	tcgngntttc	ttggnctcta	180
nagggngtgt	acnnncactn	gtctnatggg	centacgcaa	ttctaatacg	ttcacnatgt	240
cancancatc	atgcnacnct	nnntacttcc	tgcnaacctc	cctctnccnn	ttcncaange	300
cactggacnc	tcantcacct	nctnnacnac	anngnnttcc	cancncgncc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcttcccat	cnttntccca	nccactcnnc	420
cacancctnc	ntctaantct	tnatcanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gnctctacat	gtcntanceg	atnntentnc	tncaactcat	ncannncctt	540
ngcgcccttat	caaataactn	tacnnactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctcctc	cttctatctc	accatacacc	tctatengan	cnnncatcn	ctatcnncta	660
tccanacnnc	tgtnactcgc	tnctactctc	ntntnttctc	tcgcactaac	atanntcaat	720
cccantctctc	ntacctgtca	ntccncagct	ctgatctctc	ncgtanaact	cctactctac	780

tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tinctnctnc	840
acnctctctc	gagnentnct	ctcnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tcnctccana	tnagttctc	canctgtann	catctcgett	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcacacaatt	cogtnnctcn	ancanacacn	1020
acnatacgtn	gcttcatnctn	cntcaagtan	attncancat	natenctatn	tcttctatan	1080
ctattnngan	ncatacnctc	atcggcanc	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacnct	ttctgenagt	ntcnnnctc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacnccna	tctctcnng	ccnccanntg	actcatnacc	tatctntcna	1260
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tcacttaact	cntacnntca	cnnctctaca	tcttctctcat	ctctctctct	atanttctta	1380
tcgntnnnta	ctncnaccag	cntctgctat	ccttgcttgn	actccnccnc	atcgaccnnc	1440
ctctcatnng	tcacatcct	cntctntnta	ctcgtcatca	ctctccnacc	ccnatatctc	1500
tnctatctcn	anancncnnc	accgcagngc	accactcann	tcnnatnctn	ntannacnnt	1560
cccacntctg	accnct					1576

&lt;210&gt; 4994

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4994

gnntnnnnnt	ttnnctana	cngaattggtt	gggttaacgc	cctttcnna	ngnagncng	60
cgntncgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnttttgaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	tttgttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgattt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tggataactc	ctataaatgg	gctggtggtg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatggttacc	aagttgggct	gtttaagaac	540
tcaaataaaa	atcttttacc	tggataacct	aaaccagaac	aatgggttatg	atgtggacct	600
cagtccctaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg	660
tttgtgggaa	aaagaaccaa	accgtatggg	tctgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgtccn	gctnggcct	tccttgaana	780
actgattcn	aaagnt					796

&lt;210&gt; 4995

&lt;211&gt; 815

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (815)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4995

tnnnentttc	ctaattgcttt	cctaantggc	ntgggttctn	gttctttctn	caagtatccc	60
ntgcgntnecg	tataatctgg	gggtacagag	caagggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcacc	180
cagtgcacaga	tcgaggacca	catctctca	acgctctgaa	cagttataaa	agccgggtcc	240

tctgcggcaa	ggagatcaag	aagaagaagt	gcattcttcg	cctgcgcac	cgcgtccac	300
ccaacccgcc	aggggaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgct	360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgccctac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaaa	gatcaaagtt	tttgctggaa	gatgctattc	480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtcggcc	540
aagaaagaca	aaagacccag	tgaacaaatc	ccggggcaag	gccccaaaaga	agaagtggtc	600
caaaggcaaa	gttcggggaca	agctcaatac	ttaattctttg	tttgacaaag	ctccctatga	660
taaactctgt	aanggaagtt	cccaactttt	aaaccttata	acccccanct	tgtggncctc	720
ttgagaagac	ttggaaagat	tccnagggtt	cccttggggc	agggggccagc	ccctttaagg	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

&lt;210&gt; 4996

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4996

tnnnnctttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggctt	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattggtat	tctcaggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctacttc	cccatgtttg	tgtctcaaag	tgcattagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgtcctacta	gtgaaacagt	aatgtatcct	gcatacgcaa	aatgggtaca	480
gtcacacaga	gacctgccc	tcaagctcaa	ncagtgggtc	aatgtggngc	cgttgggaat	540
caagcatcct	cagnctttcc	tacgtactcg	ggaatttctt	tggcaggaag	ggcacanngc	600
ttttgctacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

&lt;210&gt; 4997

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4997

tggtttanat	cnngetcttg	ttctttttgc	aggatccctc	gnttcgaaaa	attttatgga	60
cttctatgga	tatttcttga	tgcttagaga	tttgtttttt	taattgcaaa	tgtgaattgt	120
ctattttaca	atgctattac	atatggagcg	ggcctgtggg	gtatggcact	attccttggga	180
ctaattgtac	ccaggttcca	ttctctgctc	agctcgggtg	ctctagacaa	agccccataa	240
atgctgtctg	cttcagtctc	cttaatgggtg	aagtggaaat	gaatacctac	tgtcacttaa	300
ctcatggaga	tgctggactg	ataattagat	catgtaagag	cactttgagc	tgtattgaaa	360
aatatgttgt	ctcaaattaa	gtagagtcta	tggtttttgt	aatataaata	tattgccaga	420
aaatacatca	ctggggggagc	aaaacatgta	gaccaaatat	aacagggatt	agtaacatca	480
gtaaacatag	ttgggaaaaag	atggcactaa	agaaagccaa	gaagaaagtg	ttgctcttgt	540



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aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag      600
atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa      660
aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c                711

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&lt;210&gt; 4998

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(786)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4998

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ngntttannt attnnenttg cgctttgnga acttcengca nganttcgcg attcgctgaa      60
atgtcanaca cggccaccta ggcagcattt acaagcaaga nttttctgct nttttgatgt      120
atatcttaag cgccccagc gaatgaacag catataactc cacataaaaa tcattaaatg      180
taattgactt ccagagcagg cagntctgtt gtatgcctct ggagaaggct ggctgaattg      240
gaattgggct gtaccttctg cctatcatgt acatgaggct tttgggcaaa gagaactttc      300
cacaaaataa gtccaaaaat tatagatcat cagacaacca ataacatatt gatgagatat      360
ctccaagatc tagaancgtc ctgggtgtca aggaagtent ttgggggttt taaaaatatt      420
gataatgcac tttctataaa atgcactttt tataaaaatg catgctcant tgagacaact      480
tgaaaaacac naagaaaagg cccgggccgt agtggctcac gcctgggnatc ccagcantct      540
gggagggcna aacgggggtg atnaccgaag gtcangagaa ntgagaccat cctggcnaac      600
atggngaaaa cccccagact ctactnaaaa aatacataaa aattancang gtgtangntg      660
nccgggcgcc natnagccc antctactna aggaggcctg aagcaggaag aatgggggtg      720
accnnggaa nacngaacct tgcantnaac cgggnatccc gncactggna cctatagnct      780
ggngngg                                           786

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&lt;210&gt; 4999

&lt;211&gt; 1251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1251)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 4999

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acgagggggc tccccctttt ttttngnaaa aaaaaacccc ccentttttt ggggggggna      60
aagnttgagg gggttttttc cnaaaaaanc ccenttttgg gcanaaaaaa nnncccnnc      120
nnacccnna ccannnnnca nannnnnggg gcnncncnng nncnacancn cggccacnan      180
cnnanancng gngtggntca cannannacg gnnnggggnt cnccanccac nnnnggtntct      240
ctatncgggg gngcgggggg ccncnggggn nncgngnatc accntggggg ggnncncncac      300
ccgggggggn ncncnngcn gngccaccca taggggggnc anaatggngg ccccnncnng      360
nncacancca aggnngcaca cntancccn annacaccnc ccacacctnc tncnanaacc      420
nannnacana ncnnncnacc naacncnacc cancanccac cccaccnnc ncncncaccc      480
acnacncaac cctccancn accncccnan aacaaannnc ccccnacant cnncccnnc      540
nnnaacnnc nancccnac aancceccatt nnaccnanac ncncanncna ctaanacnt      600
nccacnna canaaactnt nnacncancc acncnacccc ccncnaaccc caccceaac      660
nanacnccc tcccccatc cacaacant nccanctnnc cctnaaaacn anancaaaca      720
tanaaancca cncacncna acccaccac acnnctaann ccaccaacan aaacnccac      780
cacanacnac cncataccn cnnnacacna tcaccnnaac acaccanacc cntactncac      840
cnntcnatct cnnnncatnc nctancacna cacnnnaacc tcacacacnn catacccan      900

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cannacacan	tctatacanc	nnetcaacna	ccncacatc	ctattactnn	acancacncc	960
natnctcnaa	ncnnencaca	anacnncacc	aacacncaac	catctcacat	ctncacncna	1020
acnacancan	tctcncccaa	cacaaatcnn	cncncaacnc	tcncanacn	tacancatac	1080
acacnnacta	caacgcncca	ccccnctctc	ncaacacnca	cnntcatnna	cncacntecn	1140
anacnctnnc	acaactaaca	tnccacnanc	acacacnana	nacacaccca	nnncaccann	1200
acaccnaacc	ntcacaccac	nactactnnc	aanctnnncn	cacatnncnc	c	1251

&lt;210&gt; 5000

&lt;211&gt; 787

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (787)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5000

gnttttccta	ggnatnnctt	tggcacttnc	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagt	cgagtttttt	tttttttttt	ttcacttttt	aatacacttc	aatgggtttt	120
aatatattca	cagttgtaca	actatcacta	gacaaaatat	ttttatctgt	atgaagtgtc	180
gtgtgtatca	tggggccaag	tcaggggaag	acaggagttt	accaggggaa	gaaatgcatt	240
ccagggaaag	agaacaaatg	tgcaaaaaga	cgggaattctg	aaatgacctt	gcatttgcatt	300
aatatgaaac	tgcaggggga	ggtaggctag	agttttatagt	gaggaaacaa	ttgggctagt	360
ttacaaatga	ggaatctgaa	gctcaaatag	atgaagtaac	tggcataagg	caattatctt	420
atgctaactc	aagaaaaggt	gtctaaggca	ggggtcccca	accttggtgc	catggactgg	480
gtactgtggc	atggttagga	cccggctaca	cagcaggagg	tgaggagcag	gcaagcatta	540
ctgectgagc	tccacctnct	gtcanatcaa	ccggnngcat	caaattctca	tcggaacttg	600
aacccttatt	tttgaactgc	ncattgttan	ggatagggttg	cattgctccc	ttatgagaaa	660
tctaacctaa	tggcccggat	gaatttgang	gggaaaaaaa	atttcaatcc	ttgnaaccac	720
ccccccnaac	cttggtttggn	gggaaaaaaa	nagnctttcc	nntnnaaacc	cggnccctg	780
gggnctt						787

&lt;210&gt; 5001

&lt;211&gt; 900

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (900)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5001

nggntctttt	gnaattttcta	acacctgtct	tttctaattnn	ttggaatccc	tcgattcgaa	60
ttcggcacga	ggnaanaacn	gctctggaga	aggccacgac	annncanaga	nntcaagtna	120
gaaanccacc	agnctaaactn	naggattnag	nancctnnnn	ancgcnttna	ggnncaatga	180
ggctgacctt	gaggetcttg	gnaggggaaca	cttgncggca	cnnagctctt	gtgcgtncn	240
ggtcactttg	ntentatcca	ttctctgaca	ccccagttnn	nattaancac	ccnanntnag	300
antntctgcn	nggtgcengg	cnnnttntta	cnnangccct	tctnctntnt	tcnncannat	360
ccnccnnttt	ccntnatcnt	ttggntcgga	tananntttn	ctngnaancc	nntngntttt	420
ctttnancan	tnattctnna	ncccaaaatt	tgcttttttn	gtcttcttgn	atttttcnct	480
naattgccc	ttcnatctcc	tttnatnttn	atccnttttt	ntttttccct	ngcnttttnc	540
ttcatacngt	nttccctttt	nttnntgcn	atnttncaat	nggcnccctac	ttttatcccn	600
ttnnnggctt	ttttgtccnc	ttnttttttt	tcttccnanc	tcttccctta	tttctcnacc	660
ctntataacn	tacntnatct	ttctctaaat	tncccccnn	tcttctnttn	ttntccctnt	720

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ttttttgtcc anctacata ctctnntnnt tttngganc tennectatt tntntengnn      780
tcaatctatc tatcccnntn tncnnttnt ncnttncnnt ntcnnttcta tntntnttct      840
nttatnnn ntnctnttta gttnttcttt tactactan nctttttcnn tttntnnnecg      900

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&lt;210&gt; 5002

&lt;211&gt; 734

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(734)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5002

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gtnnctaaat ggcnngcctg ctctgttntt tctcgcagga ncccnncgan tcgaattcgg      60
cacgagggcg nncggtccng tacatggctc tgtntgtcac aannnnacgc nntgnntgcc      120
cgttcncnat acnatagtgn ngctntgtcc aaatcntgga ctctgccctc natgaacttg      180
tgctatccag atgaccnngc tacatcactg nttgctnenn gtactngcan nnnncacgna      240
atgtggnant gnatgganac gntgaacctt ttcnnaactat ngccentnct tntgnaatca      300
nnataaccct gtttggnact nttntngggc tncatttctt ggctgnggtn tgnctnacac      360
tgaccaangg gcctgtgctg tananatgcn annntnntnc agngntncct ngtnactntn      420
ntaaggcnna tttnatntga nantnatgca cnattngccc agtgagcncn nagttcagng      480
nncgcannat ggngancgcn gtgcttancc nagntctgtg nnaggctatg cccatntcaa      540
ggcgtgcatg gaactatgat ggnnncannn nattcnangc ngtgtgncng aatgagatcc      600
tngcacaagg atatcatnct tncagtnatg gctgtncaac tctggantct angcatgttc      660
cgannntgan ggnancagat tnantgngac cctgactggg gcnngnanc ngnacattga      720
aaacnngccg ctgc      734

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&lt;210&gt; 5003

&lt;211&gt; 934

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(934)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5003

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nggnnnnttt naaaattctt natatacngc tacttttcaa atnnttggat cccatcgatt      60
cgctggcggt aaggctggaa agggactccg gaaaggccaa gacaaaggcg gtttcccgt      120
cgcagagagc cggcttgagc ttcccagtgg gccgtattca tcgacaccta aaatctagga      180
cgaccagtca tggacgtgtg ggcgcgactg ccgctgtgta cagcgcagcc atcctggagt      240
acctcaccgc agagggtactt gaactggcag gaaatgcatc aaaagactta aaggtaaagc      300
gtattacccc tcgtcacttg caacttgcta ttcgtggaga tgaanaattg ggttctctta      360
ttaaagggtt cnattgctgg tgggtggggg catttcncac atttcccnaa tnttttgaat      420
tggggaanaa aaggnccccc cnaaanantt gtcttaaaag gattcccttg gatttccctg      480
ggatcttcca aggacttctt naaataacct ttaacaagc ttgtncaaa tgggttgggt      540
ggaattncca nttgggacct tgggtattctt ctgggtggna aaaaaccacc aaatttttgg      600
cccttttttt gggnaaatc cttaattttg gaagccnaaa tttggggaaa agnttttaaa      660
atttaagnen tttttcccaa acccaaaacc cnaaaatttt ctgggccant ttccnaagtt      720
cntttaaanc cntttntttt naaaaaatngg ttnaccttgg gggggctttt cnaaaaggaa      780
aagccttntt tggaantctt tggaaaaant aattgggggg ttttttggaa tttggaaatt      840
ttggacctgg gnttttttna aaaaaaacct ggggttnggg aattttttaa attggnggaa      900
ttncncnaaa agtttnttng gtnaanccaa accn      934

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<210> 5004  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 5004

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tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnnttt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcttgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccnng	cctnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgcccnn	agntagcgct	540
ttnnngntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 5005

ttnnnnnnnn	cagcttcnng	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nnggngncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnnttt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcttgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccnng	cctnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagccn	480
ncgngcnnag	cctntttgtg	agaagncnan	tcngtnntnc	acntgcccnn	agntagcgct	540
ttnnngntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (779)  
 <223> n = A,T,C or G

<400> 5006

nttngaaatt	ccatatagna	ntgaacggga	antccccctt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaaataa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaactg	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccagggaa	aaggcagacc	300
tgttttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaagctgt	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggaataaag	ccaacttccc	agtggtaaac	ccacagnggt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600
aatatgtaac	cngngngtaa	tctcanggcc	ncangntaan	cagnttccag	ncagaagccn	660
tagaagaaac	ccctgaccaa	aatttagctt	accccgacc	tangctgccn	gcntatgnng	720
gncnggggtt	cntcnggggt	taaaagaaac	ctaataactg	nccacaanac	cnttgaccg	779

<210> 5007  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (820)  
 <223> n = A,T,C or G

<400> 5007

ctgnnnncng	ccgatccang	tagaactcat	gggaactccc	gcagganccc	agggngncga	60
acngngnncg	aggnaccgag	agagaagggn	gggtttaact	acacactttt	naaccntgct	120
taacanaagt	attatatang	nacagtttca	tacaggaatt	acctcaaaag	ggagtctnat	180
gangagcaac	tacagatagn	tgcaagggat	catacagaag	atatcgatga	taggtgaaan	240
atgcttagaa	gggtgtgtgaa	tgtctagcng	ngacnaccat	gtgtatgtat	ccttgacaag	300
cagtataaaa	taccngtgan	gtnttcttta	cattacggga	taangcataa	ggaatcaatc	360
nccatatana	ctatcanccc	taatgnagca	aggggaagta	tntaattgcc	catgatatgt	420
annttactna	tactatgcca	gagaggaaac	tataaagtaa	ttacacangt	aaacttgggt	480
ntttcacana	cgnaggtatt	cattnnagat	acggtgaaga	agaaaaanga	atatacnaaat	540
gaactgaanc	cngatgggan	agtatcaaca	agtntntaaa	agcccaggat	tctaaaaaac	600
aataaagggg	cacgggcant	ttttggagtn	ngnacancct	tatgccnant	ggcnaanaat	660
nccaaaaatn	aaaagcggna	accattgggg	aaccccggtg	ggacentaac	nggcnaacnta	720
aatnggggaa	ccagcnantn	gangaatgan	ggaaccaaag	gggggttagg	caaataagcc	780
aaaaccccc	anaaaanant	nnngggncca	aaannncccg			820

<210> 5008  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (752)  
 <223> n = A,T,C or G

<400> 5008

```

agagnnnnnnn ttttattctt tgnnctctaa nagcttggct actngttctt tttgcaggat      60
cccatgcgat tcgaattcgg cagcaggcca ccttctaagc aagtgatggc ctggctgggt      120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca      180
tatgattaga catcatcatt ttaatggctt catggcattc cattttatgg gtatattata      240
aagagactaa tacagaatta tgttccttac aatacatgat ttttaaagtt ttaaaagcta      300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtngac aaaaaanaaa      360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt      420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt      480
tatttgtgaa atttgtgatg ctatngcttt atttghtaacc attataagct gcaataaaca      540
agttaacaac aacaattgca ttcattttat gttncagggt canggggagg tgtgggagggt      600
tttttaattc gcggccgcgg cgccaatgca ttgggccccg gtcccacttt tggtcctctt      660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnntcctg tggggaaaat      720
ggtatccgnt cacaaattcc acaacatag ag                                     752

```

&lt;210&gt; 5009

&lt;211&gt; 809

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(809)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5009

```

tttnnaannn ncagcgtnc cncnttnn ctncgtgaaa ccctttggca annecccccn      60
nnnngcagga tcccatcgat tcgaattcgg cagcagattc tctcaataat ggccagccga      120
aatttcncgc tgccaggcat ctgcctccgc ggggtcatta aactcccaca gtggtcaccc      180
cactgctgat gtacagactt tccaggcaaa gcgcatatt catcaacacc gncagtctta      240
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttcct atcanaagca      300
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcggatga ggagacagtt      360
ctcagcacc ccatctcaaag ctggtcggaga aaccacagtg tanaatcaag tnactggaca      420
aacttgaaat catggtggaa gaaacagaca gngttagctc atgatnngat ttggtntctac      480
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag      540
acaaaacact ggtaaaagtn gcaacacctc cctnntgctt gtataccata aatgggcagn      600
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn      660
ctttnttttag ngcctnaatt taagatactt tactttacnc cncntngna atctgggnng      720
cangnntctc ttttanggnn tggnaaaana ncggncttcg cccctnntaa acttnnagnn      780
gngtngggat taccgcnaaa cccngacc                                     809

```

&lt;210&gt; 5010

&lt;211&gt; 707

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(707)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5010

```

cnaatgctgg tngctngttc tttttgcagg atcccatcga ttccggggcta gcctgcacgc      60
acgccaagat ggagctccag gctagcccac agaacagccc agccgcagcc gtcctaccag      120
accagcacct tgtaaccaca gtctaaccac gcggggacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctc tgcccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300

```

```

cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgcgcacct 360
ggctctgctgg tgctaccagg cttgaacagt cttcaaatcc actgctatta ggcaaattac 420
ctggctcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480
tggttgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca tttcctcaga 540
aggctgtaac aaagattaaa taggaaaatt cgtggaaagt tcaaaaaaaaa aaannnnnct 600
aanantcatn nnannnnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt 707

```

<210> 5011

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5011

```

atgtgntaac acacataggc tcaangtaaa ggggtggcga aagatctggt atgcagatgg 60
aaaaaaaaagat caggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa 120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat 180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg 240
aaaagaatta aacggccaca taataatagt gggggacttc aacacctcac tgacagtgtt 300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa 360
ttgaacctaa tagacatcta cagaatactc caccaccaa caacagaaca tacttttttc 420
tcatgtgcnc atagaaaata ctctaagatt gccacatgct ttgtcccaaa gcaaactctca 480
gttaantcaa aaaaagattg aaatcatacc cangttttcc agactcctcc atagtaaaaa 540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct 600
cctggatgac cttttggggg aattgttaaa atanggcata catnaacccc ttnttgaaac 666
aaatgg

```

<210> 5012

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 5012

```

ttcgtnttcc cngtagaact tncngcaaaa tcccgtancn gcangagccn atacgatccg 60
ggnccgntga acnaactaga ctacgcngcg ngcnggctg tttnaaanan tggccagnnc 120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan 180
agccnntnga anacaacatn ngngacaacc nacnanacaa nactatgggg ancagcttnt 240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncnntcnca 300
anatgnaana cncntgcntt gctgcaatgc ccngcaaagn cgatgaaana acngggctac 360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctngatct 420
nnnnggnact nagaacngaa nnctnnaaag gnnagacagn caanttnaaa acngnnaaan 480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnnaa 540
aaccctanac gagnatnngg atngaannng gacnntanta nnaacgcacc ctttaagaac 600
agcttganc cncncngaa ccngccatnt ttaaccccag ccttggggcac caccaggcaa 660
cgacaccagt ctancaaagn ctnangcnnn naananatna gcncacagcc cngaaacgct 720
ngggccngga atatncaagg aaaccagaac tcttaaaacg gtttcccagn nggggaattt 780

```

taaaaaaggg gccaacccct cc

802

&lt;210&gt; 5013

&lt;211&gt; 874

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(874)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5013

```

agcgggnttt taaaccctta tntatncnc tnnгааacna aatcgcncta aaaggggngg      60
gggcgcgagc cntnnccac cccattncca aangaggnnt cantggggtn nggcgngca      120
ccattatccn nccccattcg naccnntaaa ncgctctatc aantacaana ncatgacctc      180
cncnctatct ntctnctacn cttnctnana cantattnan tccacttgat tttttttttc      240
ttaanactan ttatattact gctnctcggn gctgcntac cnttnccatg ctaaggctgg      300
nacancagnc ctgngnncna tacctgtnaa tccnccagga nancnanccc ctngnancg      360
gaggnccegc annnccccnn atgennatag antagttnca nggactnnag ntncnatcaa      420
caactnnctn gnggngcagn cennctnncc ttnncgacng cccntnanct acgggganct      480
gnatnatnch ctnnttcata tgnaatccnn tnttnnctcg gtntggngca caaacgannn      540
nntactagga antcttctcn natagnccnt aanannacaa ngaatgggat taananctta      600
nncccttngg ctccanggna gaacancnnc ataccnnttn gggntttngn ntaanaantg      660
tcctnannng ggggnantaac taangnnacc cctantncc tntcgatccc cctanaagaa      720
ntnttcctnt atctttctct ccaagtacag ancnctagn naaaggntcc catntctatg      780
ngncctnchn tttganacnc tnnctgngng acccactttg nctnngaang gncatnccat      840
ntnaanctta accatnngnt tattgnnctc gccc      874

```

&lt;210&gt; 5014

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5014

```

agtcatcct ttcnaatngc ttggctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggtttttttt tttttttttt ttatagggat cactttttatt tcaaacaatt      120
aaatacaaac caatatttta ccccttcata gatgaaatca catcttttca ggatagagt      180
ataaagtaac aagcctaggg cagagcttgt actgacaaag tcctgaaaact acaatgagag      240
gaaacacatt gctctacttc gggataagtc atgaccgaga ctcaatttca gagacgctct      300
atgaacagag gtgcttgaag ccacagtggc agaagggaaa gatggggaag tgtgccgaag      360
agcctccagg catgacagac agtccccctga ccaagcacia gtaacaggcc ctttgggtct      420
ctgcttctca ctggaaaatg atgaagccta natctgatga ctectagtgc caacatttaa      480
caaagttcga aagttatgca ggacttcaca catgtacgga atggctgtat cacagaatat      540
tatgccgtta gaaagttcac ggnactatt acctagcttc taaaattttt cagaagaaac      600
agcagactta ttaagtggaa tcttaaatta aagggattan cattttaatg gaaataaatg      660
gaaaccagag caggggaacc caaagagccc anttagggga aagaatcctg aaaaaagtnt      720
ggntttacac cangnancag cntttgaaag aaaaaccctt nttggatttt tttccanaa      780
na      782

```

&lt;210&gt; 5015



<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G

<400> 5015  
gccccccnnn nnnnnnnnttt tcaaannccn tttnnnnnnnn nngnnnnnttt tannnnnttn 60  
ttannnnaca gctcttggtc tttttgcagg atccctcgat tcgattcggc acgagctacc 120  
ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatent nccctcntca 180  
gngtcatggg tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240  
atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300  
gcnnntttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctcttatgct 360  
gtntgcctgc accacccctt gccttccttc atacctttcc ntggatatgn atgccagggc 420  
ttnnacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480  
aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnnngnt ggagnactna 540  
antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600  
aaagaggcta ctgtgctttt ancctttttt aaaacctcca tctgtattac attgnnaacc 660  
angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720  
aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnnacctat catgttnata 780  
actnt 785

<210> 5016  
<211> 785  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(785)  
<223> n = A,T,C or G

<400> 5016  
gccccccnnn nnnnnnnnttt tcaaannccn tttnnnnnnnn nngnnnnnttt tannnnnttn 60  
ttannnnaca gctcttggtc tttttgcagg atccctcgat tcgattcggc acgagctacc 120  
ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatent nccctcntca 180  
gngtcatggg tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240  
atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300  
gcnnntttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctcttatgct 360  
gtntgcctgc accacccctt gccttccttc atacctttcc ntggatatgn atgccagggc 420  
ttnnacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480  
aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnnngnt ggagnactna 540  
antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600  
aaagaggcta ctgtgctttt ancctttttt aaaacctcca tctgtattac attgnnaacc 660  
angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720  
aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnnacctat catgttnata 780  
actnt 785

<210> 5017  
<211> 1425  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1425)  
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntggt	gggaacccct	tnggggggnac	ccttggganca	60
tttttgggng	nncccnccct	naaaaacnate	aagaaaaata	atgggnggggt	ctttttnnggg	120
ggnnnnncnn	nnncannnan	ccnatnnann	nnnnnnannc	nnnnnnnnnn	atntracata	180
nancncncc	aanancnca	ccncttncn	tnncnncctc	nnnnnnnnnt	nnacncnnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccnncnn	ncannnnancc	300
ancnancnn	tnntanannn	nnnatncccc	nnnnnnntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanc	ncnannncntc	ncnncaaann	420
naatnnnnnc	ctccacacac	cantnnancc	tctacnnant	ccacnccann	cccnnctca	480
ncccnncaca	anncnntcc	nacnncnnct	cannacntta	acannacnaa	cccncccatn	540
accanaccnc	ccccanncc	ncnccntnac	tnncncannc	cannnnnnnc	ccnactnnnc	600
ncnactcna	accannann	tnntatnct	cnccnnnnann	nnnncaaanc	nannnacncc	660
ncnnnctcat	ccannntncn	cnccnnanann	tctnnnnnc	ctcaccannc	acncccnncn	720
acanactatc	tctatacnca	ccnccnctnn	nnannnnnnn	nnccanncna	nacanncnnc	780
actcctnnn	tannnaaccc	cnncnacnnn	nnctcncntnn	accanacncn	cnccnnnnaca	840
ntantaccna	ncnnnccnac	nanancncnc	nnntcacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cnctctctna	nnnnnnncn	aacnnnnnc	ccnncanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnnnc	atannacaca	cnntanacta	cnctacnntn	1020
cannnactnt	cnncannanc	tnncancana	nacnnnnnc	nnnnntcann	cnnnnnanac	1080
netcancann	ancnctnnc	ntncanannn	tacnnncnt	nnnnanant	cactcncnnc	1140
nnatcactcn	cnnnnnncnt	nnnccannnn	nnncnnnnnc	anactcnnnta	cnntatactn	1200
ctncccttan	tnnnantct	ancnnnnctn	tcnncntct	netcancnnc	cnccactct	1260
atacnnctn	atntnnncann	tnnnannnn	ctcctctncc	ctcnacctnc	ntccacancn	1320
cncacntcnn	natacncnnc	cnantccatc	nacacnatca	ctctncaenc	acnctntcna	1380
ctactantnc	tctnaacta	canacccanc	ncnntnnnc	ancct		1425

<210> 5018  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)  
 <223> n = A,T,C or G

<400> 5018

ggccccnnn	ntttttttt	ttaaaannnc	cccccttaan	aacnnggaaa	aaaaaccnc	60
ctttttttg	ggccctnaac	ctttnggcn	ttccttttt	tttgggccc	gggggnaatc	120
ccccnatte	ccggnatttt	cccggaat	tnccggggg	ccaaccggaa	ggcccagggg	180
ggaacctgg	aatgggaagg	gggtncctt	ttaacaaaa	aaaaactnt	gttgggtngg	240
gnccannnn	nnnnanana	nnnnnnnnn	nnaaaaatc	cttaaaaaa	accaaaaacc	300
aaaaaccna	aaaaaaaaa	caaatttct	tcatttccan	aaaaaaaaa	attctttang	360
gggacctga	atattgggt	aattatggg	caaattntaa	taatatattg	gggcattcct	420
tacattgct	gcaagataa	atgctgtgc	aaaatttgat	tttatattga	gacttcttat	480
caaaagtat	tgcaaaggaa	gctaggatg	agtgtccatc	cttgttgagt	gnttctaaaa	540
tnntttctg	tgcatatttt	acttggtgg	gagagatgnc	cagctcctct	gtcttgaata	600
acttattgt	tgtnccctaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tctntatagt	660
nagataatg	taatgttct	attatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	gccttaactt	agtgagcgtc	nanancgtg	aagacattgt	gagtggcacc	780
cactgatgng	gaan					794

<210> 5019  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (957)  
 <223> n = A,T,C or G

<400> 5019

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cccgcggccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacia	120
agtgcnnna	ttatacggt	naatccantg	ngnntggcct	anagtinnag	tanncatgat	180
ttnngcnntg	ttnnngtcct	ggnttccaaa	ngnagnggac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannncctn	ntgatantct	ccntnnanna	tcgaggtatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna	360
nntcnacact	natecnncctt	tngetnnata	tnngnanaaa	caannnactg	aaaacntnta	420
ttntttaaag	nnntnecgnt	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgtnnatata	caanctnnnn	nccnnnnctn	tgtttgtnnt	gctcntnnnn	gtttcaaana	540
gaataanaaa	nctnntnnnt	nnctaagana	nacattctnt	agctnactat	ncntactctn	600
atnatnattn	tatgccaana	ntgtagccnt	ccnnatntat	nnctaaaaaa	ttnacgncta	660
tatannacng	naccttnnca	tanccggntn	taanncnngt	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	nttntttctc	780
attnaatnaa	aaacgggtgc	taaaaanncg	aanntnacc	ttgctgctct	tcatecnaat	840
ntatacnnta	tentatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnacntnnc	gncttatgnt	gntngattcc	ccctctntca	naannccca	aaanncc	957

<210> 5020  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (808)  
 <223> n = A,T,C or G

<400> 5020

gtnttccttt	caaatngctn	ggctacttgt	tctttttgca	ggatcccata	gattcgngta	60
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acnctaganc	tgnaaaactn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctgannaa	ncctgcntna	tgtnccnnng	tctctnanta	ccagannntt	240
gannnnntac	tggnntatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggcct	300
ataaacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgctntggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgacccatt	ccangngatc	acctccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttggttaan	660
acaagttttg	annggttggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacncggatt	gntgaaaggg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021  
 <211> 788

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(788)  
<223> n = A,T,C or G

<400> 5021

cttaannaat	ncnttatcgc	ttggctactc	gttctttctg	caggatccca	tgcgattcga	60
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caaaagtatt	ntataatata	gnttcataca	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcatata	gaagatattg	atgatagttg	aaatattcct	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcctga	cnagcagtat	300
aaaatacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catggggaag	tatttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatccttg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaagggtga	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtangggtc	atTTTTgagt	ttgggntttc	ttttncgaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtn	ncctgtnggn	cctnaaaggc	cttttatttg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780
ttttngcc						788

<210> 5022  
<211> 704  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(704)  
<223> n = A,T,C or G

<400> 5022

gnnctaattg	nnggctatcg	aactnccgna	nanaacngnc	ntncgaattc	ggcacgagag	60
gttgctcacc	tgaaggagca	caggagggtt	ttccaggcca	tgtggctcag	cttctcaag	120
cacaagctgc	ccctcagcct	ctacaagaag	gtgctgctga	ttgtgcatga	cgccatcctg	180
ccgcagctgg	cgcagcccac	gctcatgata	gacttccctca	cccgcgcctg	cgacctcggg	240
ggggccctca	gcctcttggc	cttgaacggg	ctgttcatct	tgattcacaa	acacaacctg	300
gagtaccctg	acttctaccg	gaagctctac	ggcctcttgg	acccctctgt	ctttcacgtc	360
aagtaccgog	cccgttctt	ccacctggct	gacctcttcc	tgctctctcc	ccacctcccc	420
gcctacctgg	tggccgcctt	cgccaagcgg	ctggcccgcc	tggccctgac	ggctccccct	480
gaggccctgc	tcattggctc	gcctttcatc	tgtaacctgc	tgcgcgggca	ccctgcttgc	540
cgggtctctg	tgcacctgcc	acacggccct	gagttggacg	ccgaccctta	cgaccttgga	600
gaggaggacc	cagcccagag	ccgggccttg	gaaaagctcc	cttgtgggag	cttcaggccc	660
ttcagcgcca	ctaccaccct	gaggtgtcca	aaagcccgcg	gcgn		704

<210> 5023  
<211> 729  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

gnnnnnnnnnn	nntttgttnc	taatngcngg	gtggctcggn	ctttcncgca	nnagcnnngc	60
ngtgtcgaat	tcggcacgag	atttcaattc	atagcaaact	ggtgttttaa	actattgcag	120
tagctggaac	tttttagtgt	aaccagcatt	tattggagaa	gtgaatcaca	aggaaataaa	180
gatgagtaaa	agcaaagatg	atgctcctca	cgaactggag	agccagttaa	tcttacgtct	240
gcctccagaa	tatgcctcta	ctgtgagaag	ggcagtacag	tctgggtcatg	tcaacctcaa	300
ggacagactg	acaattgagt	tacatcctga	tgggcgtcat	ggaatcgtca	gagtggaccg	360
tgttccattg	gcctcaaaat	tagtagacct	gccctgtgtt	atggaaagct	tgaaaaccat	420
tgataaaaaa	actttttaca	agacagctga	tatctgtcag	atgcttgtat	ccacagttga	480
tggatgcttc	tatcctcctg	tggaggagcc	agttgctagc	actgaccta	aagcaagcaa	540
gaaaaaggat	aaggacaaag	agaaaaagtt	tatctggaac	cacggaatta	ctctgcctct	600
aaagaatgtc	aggaagagaa	ggttccggaa	gacagcaaag	aagaaatata	ttgaatctcc	660
agatgttgaa	aaagaagtga	aacgattgct	gagtacagat	gctgaagctg	ttagtactcg	720
gtgggaaan						729

<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

gtnnctaata	gnnggctant	cgttctttcc	gcagganccc	ntcgantcga	attcggcacg	60
agctctatct	tgtttattgt	tgatgccatc	ttagaggaaa	aaatgtaaag	gtaagtaatt	120
aagcatatga	cagcaacaaa	taagatactt	ataacctaata	gggactttat	ttttagattt	180
tatgtattac	aaaaaatcca	cctttctcta	aggggaagtt	tgtaccccat	tgattcttgg	240
tgcccttggg	atcgactggg	ttttaaatggc	ctagttatct	gaggattttg	ctgtgttgtt	300
ttccatgtct	tctctgggtca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggctttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataagc	agaagttggc	caaaatactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tgttctatct	tatgtatttc	ttttaagtat	taccaa		706

<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

gtnnctaata	gnnggctant	cgttctttcc	gcagganccc	ntcgantcga	attcggcacg	60
agctctatct	tgtttattgt	tgatgccatc	ttagaggaaa	aaatgtaaag	gtaagtaatt	120
aagcatatga	cagcaacaaa	taagatactt	ataacctaata	gggactttat	ttttagattt	180
tatgtattac	aaaaaatcca	cctttctcta	aggggaagtt	tgtaccccat	tgattcttgg	240

tgcctttggg	atcgactggg	ttttaatggc	ctagttat	gaggattttg	ctgtgttgtt	300
ttccatgtct	tctctgggtca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggcttttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataagc	agaagttggc	caaaaatactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tgttctatct	tatgtatttc	ttttaagtat	taccaa		706

&lt;210&gt; 5026

&lt;211&gt; 968

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(968)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5026

gtaccaatgc	tttgcactn	gttcttttgc	caggatccca	tcgattcgaa	ttcggcacga	60
ggcggacacc	aagtctggac	cacctcccgc	tgcgtttnt	actcanagaa	acatcnnggg	120
cgnggttaan	acacggnatn	acnggaagca	nganncnng	cancagcna	gnntgggggc	180
ctgcnctgc	nngetangcc	aggatgncca	tccnccctt	tanactgtcc	cttgnggcct	240
gtgctnntna	aantggtnnc	ngtnagcnct	gcngnttnc	cntattatnc	ccacnctnng	300
cttctnaatn	ctttatgntc	cntntnana	naccttncta	tactgtance	catcttnctn	360
tnaattnttt	ttcanggatc	tntnatattn	tntncaaan	tcnctnatan	tnantnatta	420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	nctngttnan	nnttnttctt	480
tctnnnnngn	ttncnnnttc	ttataatnng	taatttantt	nntnntatc	tactntttan	540
ttctttcaat	cttnaattnt	ntttacatnn	nctnctcatc	cgntntttacn	nntntcattn	600
ttaaactctac	ctttctcntt	ctgtnttaac	ttactnatna	tcncttceng	ttntttatat	660
ntnattcnct	ctnctcataa	ancatctnt	nctctcnca	ttcttgactt	tcnctctecn	720
tctcttatat	ctctcgtctc	ctcncaatat	ntctctatcc	tctntcnttt	cacattctta	780
ttntnencatc	nttcgggnntn	tctncttntt	ctctcntaca	cnttctanac	ttctatnant	840
cttcaactcat	nncnctntnn	nntcnacatc	ttacnnnnng	tgcttnttan	anntttannt	900
acatanenta	ntcctcta	ctatatntca	tannactcta	ttgcttntnt	tctcnnaatc	960
acacnanc						968

&lt;210&gt; 5027

&lt;211&gt; 782

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(782)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5027

gnnnnttnnn	nnttttttgg	gtcttncgct	tgttcttnt	gcaggatccc	atcgattcga	60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaaggggtc	120
ccaatccaga	tcccaacaa	gggttcttag	atctcacaca	agaaataatt	cagggagcgt	180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag	240
gcagagcagc	tccttggggc	tgctgggttg	ccatttttta	tggntatttc	ttgattatgt	300
gctgaagaag	gggtgggtta	ttcatacctt	ccctttttta	aatcatatag	ggtaccttnc	360
tggcattgcc	atggcatttg	taaactgtca	ccgggtgcttg	gtgaaaagtc	nacanttgag	420

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ggccaacca aggncaactct nattggccat ctttgggttt tgggtgggatt cttaccnngn      480
ttnttttact gcaagctggt tttatcatca aggnctttat ganctgnatc ttgggctgan      540
ctccgatctc aatctgncat cttaaaacgn ctnactgtct nggatngtaa ccccaatagg      600
tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa      660
atgcccnttt gacaagcanc cagtnaacct nttcancata cccacttggg ntttcaancc      720
tggggtggac aaaaaccaat taccctnttt tttaaaaaaa aaaaaaannn nnnnnnaaan      780
na

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&lt;210&gt; 5028

&lt;211&gt; 806

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(806)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5028

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gnnnttnnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttccaattcg      60
gcacgagtga acttggttcat tttgttttgn ttgggaggaa aataaacaat tttacttttt      120
tccttttagga gcattatgag cattatgtca gaatagaata gaattggggg tcgatcttaa      180
caggccagaa atgcctgggt ttttttgggt tgtttttgtt tttgtttttt tatcaaattcc      240
tgctgactg tctgcttggt ttgcctacca tcgtgacatc tncatggctg tccaccttgt      300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct      360
gctgacattt tgggatcttt cantntganc attcanatcc aagggtctcan ttaaaccattc      420
ccngcatcat tgnttataat cngaaactct gggccttctg tctggnggcc ttaaaagctt      480
ttggggccata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc      540
ttcatggacc ccccaattaa ttaaaggaaa aactnaactg cantggggggg gttttgnaaa      600
aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga cctttttcta      660
agcctggnat tgnaccgggt aacnnttgga acccttttct tttggaaaaa aaccattttt      720
cccnnaaaaa agggccccct aattttttta aaaaatgggaa ttaaccntt tttaancccn      780
aacnnttaaa antttttttt ttttnn

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&lt;210&gt; 5029

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5029

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tgntnttcta atgctggnnn ctcttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggggac tcagagcctg ggaaggaggg cgctatgcag ggtagcactg ggaacaggag      120
accacactga ggctcagccc tagccctcag cccacctggg gagtttacta cctggggacc      180
ccccttgccc atgcctccag ctacaaaaca attcaattgc tttttttttt ggtccaaaat      240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct      300
agaactatag tgagtcgtat tacgtagatc cagacatgat aagatacatt gatgagtttg      360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta      420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc      480
attttatgtt tcagggttcag ggggaggtgt gggaggtttt ttaattcgcg gccgcggcgc      540
caatgcattg ggcccggtag ccagcttttg ttccctttag tgagggttaa ttgcgcgctt      600
ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgg tatccgtcac aattccacac      660

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aacatacagag cccgggagcat aaagtgtaaa gcctgggggtg cctaatagagt gancta

716

<210> 5030  
 <211> 1206  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1206)  
 <223> n = A,T,C or G

<400> 5030  
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 cangaaccnn ttttgcnaaa aacccenttt ggcnenaana nnaccnngn nnanegenct 120  
 accnacnca anccnnncn acnccanng ganccnanac accgcnctc nntntaccan 180  
 actanatcnc ncntaaacna cacnaancng cacnnacanc acccacgta tggtaaccnn 240  
 nccangcag agcacancac nncnaanagc ncgccactaa cggggcgga cnaacgata 300  
 canannnacc nagnaancnn acaacanacn ctacacnca cnaacaancn nccagntncn 360  
 aancgcag acnccccann tcangnaca cccccccac accaccaga nnagaccan 420  
 tccccnnca ccaccnaac nannnaaach accctncatc angaaccncc caannncnnc 480  
 cnaacacccc nacnncccc canncacng ncnancnaa nagacacca cccccacac 540  
 ctncncncna anaacacntn acaccaccan ancacaacaa naaccntncn ccannacncn 600  
 nanannnnnc cacacnnccc nancccnctn nccaanccac accncncnnc nccnacncna 660  
 ancacnccn anctncactc nacancanca cnancccaa tancacacca nccaccacca 720  
 aannccactc acacncanac tatacagcng acnnnaanca cctcanancc nnnccnccnn 780  
 cnaennctc ncnccacca nancnacaga ctcanctncc agcannnacc nncgcccnc 840  
 tnnctcnnn acanacnca tnagcancnc ncancgnna caccncacca ccnnacanc 900  
 aatnccacc cacatccnc cncnctcct atancaancn cccaanccga ccgactncan 960  
 ctngctcag canacatcnc gncgcnctn cnacactanc nacncncacc tnactctnac 1020  
 nategcanc atcgntccnc ncnancaca ncnannnng annatncnnc cctccacata 1080  
 ccactacanc atnacngcn ccnnnatcnn nacatcnacg ccaancncca cacgaaccnc 1140  
 acgntaacc atcacgacna ccccaccag acnngctaan cgacnacnct atccaagcnc 1200  
 tncgcc 1206

<210> 5031  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 5031  
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 aggatcccat cgattcgga gttttttttt tttttttttt tatatatact gcaattttat 120  
 ttcaatcgca caaacgaagt tagcatgtag gaaacttaaa tgaaacaaat ttaaacgaaa 180  
 tagttacggt aaaaatagca gaaaactgaa aattctaaaa aggaagtaca cctaaaagca 240  
 tgagaattca acattcatta gtgtttcctc ttcagttttg attgacactt gatgcttgca 300  
 aatttttaaa caaactttta aatcatgatg actattctga agagatttca gcaccagcac 360  
 taagatttgt acattcagtt tgtttgcaat tgacttgatg gccatttaca tagtggatag 420  
 tacagacttg tcacaggtca gatcacagt ttgaggaaag cagtgccttc ctgtcattag 480  
 aaaggatccc ctaaactgtc tcagcttaag acatccaacg tacaagagca caaaaccatc 540  
 ataataatgt ggttccaagg aacgtggttt tgataaggta aataacttag gcttctgttt 600



cccatttttaa	ttctgaaatc	tctaataatg	acacaactgt	catgtatgat	agcaaatgta	660
tataataatt	cattcagact	tcttggaaa	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaacactg	ggttttttt				750

&lt;210&gt; 5032

&lt;211&gt; 820

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (820)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5032

gtntttt	naat	ttccaactct	tgtctttg	cg	gacctcgat	tcgaattc	cg	cacgaggg	tg	60
ggtcctg	gct	tcctaaaga	taattgga	ag	acttcatt	gg	attgatag	ag	aaactg	cg
taatttc	catt	ttagcatg	tc	aagatga	aga	aacggggg	ga	ttgcag	aca	ggccagg
taaggta	tga	aaaggat	cca	ccatatct	ta	tttggaat	tg	ctggatt	gca	cttttgg
aagaac	agat	taaacct	gtt	aatcctg	ctt	ttgcatg	cct	gaagaag	tg	ctcagag
gaatgtt	cag	cctgagc	tag	tgagcta	gat	tcattga	att	gaaagt	tg	catatag
ttgccat	ttt	aacattt	ctg	natttgaa	ag	tgcttat	c	aatctaa	aa	tgactact
taatat	ttt	natattg	gg	taaatta	att	ttataaa	att	atataat	t	acataatt
aagcctc	tta	gaactata	gt	gagtc	cg	taccgt	ana	tc	nggac	at
accattg	gat	gaagt	ttt	gg	accaa	accc	caac	ctng	ga	atgcca
ggctttt	aat	tttngg	aaa	at	ttt	gggga	agg	cct	tt	naatt
ntttttt	aan	cctgg	ccaa	t	taa	accc	aa	gg	tt	naacc
at	tt	ncaatt	tt	taa	agg	gt	tt	ta	agg	gg
gg	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt

&lt;210&gt; 5033

&lt;211&gt; 826

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (826)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5033

nnctngn	ngt	tcta	atg	ctt	ggngn	nnentg	ntc	g	tg	gat	ng	gat	cnt	nt	cg	ttg	c	ctt	g	60
tnnactn	ggc	ngac	nn	gn	t	gc	nc	ng	c	cg	tt	gan	nc	a	cg	nn	nt	an	tn	cn
anatgat	gtg	gtat	ct	nat	tc	nc	nat	cn	a	ng	nt	ng	an	a	ac	ca	aa	at	g	nc
gnagan	acc	n	tg	tc	n	ant	ng	gn	nat	cn	a	ca	at	nt	cc	ag	g	nt	g	nn
gncnnc	nag	ntac	nc	anta	gg	cta	ag	ca	gg	an	act	nt	tt	nt	ac	cc	an	nan	gt	ga
nnnng	gtg	ac	nn	at	cn	g	ct	ng	ac	tc	ng	g	nt	g	tc	g	at	ag	tc	g
ctnan	ant	ca	ag	cc	ct	ca	aa	g	ct	ng	ac	gt	nt	ta	ta	ca	na	at	tc	g
gaaac	g	ct	gn	tg	ct	act	gn	aa	at	g	gg	g	g	g	g	g	g	g	g	g
nttnt	na	ta	c	gtg	at	cc	tn	g	ng	at	nt	tc	tg	cc	ga	at	tn	gg	tg	ac
atant	cnt	tt	gt	ng	at	anc	at	ct	tc	ct	ac	cn	tan	ant	tt	ct	ng	aa	aa	an
ttttg	ac	nan	ca	ct	nn	ca	cn	at	gn	nt	tn	g	gt	g	g	g	g	g	g	g
tnnag	cccc	cn	ta	aa	na	act	tn	tn	ng	ng	nt	ct	g	ga	at	an	cc	gn	nn	nat
at	tt	ntag	cn	tc	nt	gt	nt	na	ant	g	gg	g	g	g	g	g	g	g	g	g
aang	aaaa	aat	g	cc	cn	tn	tt	nn	cg	aa	at	nt	tt	gt	g	g	nc	ct	tt	nc

<210> 5034  
 <211> 826  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(826)  
 <223> n = A,T,C or G

<400> 5034  
 nnctngnngt tctaagtctt ggngnactg ntegetggat nggatentnt cgttgcccttg 60  
 tnnactnngc nngacnngnn tctgcncgc cgttgannca cgnnntantn cnccaaangt 120  
 anatgatgtg gtatctnatg tcnncatcna ngnttngaana aacccaaatg ncctnacntc 180  
 gnaganaccn tgtcncnant nggnnatncn caattnttcc aggcntgann nncctgcct 240  
 gnnccnncnag ntacncanta ggcctaagca gganactntt ttntaccan nangtgtagg 300  
 nnnnggtgac ccanatcnn gctnctgnac tcnngnctgc gtgacatagc tagactctgt 360  
 ctanantca agccctcaaa gctngaactg nttatacana ccctgtgtna attcngangt 420  
 gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480  
 nttntnatac gtgatcctng ngtananttc tgcccgaatn ggtngtacgc ntatannaan 540  
 atanttcntt gttngatanc atcttcctac cntananttt ctngaaaaan aaagtttggn 600  
 ttttgacnan cactnnacn atggnttng gttgggtgcc tgcctgcttg gtttgnaatt 660  
 tnnagcccn taanaact tnttngngt nctggaatan ccgtnnnatt ccngacatc 720  
 attntagcn tcnttgtnt naantggggg nnannaccna nttgttttna attcngantn 780  
 aangaaaaat gccctnttt nncgaaatnt tttgtggnc ctttnc 826

<210> 5035  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = A,T,C or G

<400> 5035  
 gnnnnnnnan atcagctcct tgttcttttt gcaggcagga tatecnaagc taattctgca 60  
 cgcacgagggc taagggtaca nnagnatgng ttnccttgat nacaggtcac tctcncaaga 120  
 tgcgctnnct gcagtcagnt gcataactng tnaaannacc nganatagna ccantttat 180  
 atgggtatgac agtgtnnnca gtgggagcaa nggtgggtcca tagcctgcct atnatatcac 240  
 cnatatctgt gaacacactc atngcagant cagggncagc natctgntna atggacttgn 300  
 attatgtntg nacctngct tncgtngac ncngntgag cgcaactttc cttanggacc 360  
 ttanggnacc nnnntnaacn tactttncan atgatggnnn ttntgtcaat cccggatngn 420  
 tncacggtnn cnatggcna aagncncnac ctttatntna cacgttgaca ttactttacg 480  
 acnctagtca cactnttgga ctccattgtc cacatncctg ntntatgana acnttaaggt 540  
 tttactttac aananntnna cntggcntt ncaaatgatn nncctgeng acctttcatt 600  
 ngcaagggnc ctanactttt tgcattgaaa aatttttaggt aaagttgctt ttccgctttt 660  
 agngcccttt cctaggggta ttaatttggg tggggntcct tncctntac tttcccttg 720  
 gccccgnttt ttncnttn nggaaanccc ccccttaat tnncccccg tgnttttnc 780  
 cccnccnca aaaccnggc aaaattaaag gggggggaaa attgccccct tnntttaaag 840  
 cccgaagg 848

<210> 5036  
 <211> 715  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 5036

ngnnnnnttna	aanatacagc	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggctatta	aaaatgtaat	cagtgtgaaa	attcatgcc	tctgaatcgt	acgagtatgt	120
aagggatttg	agttcccttac	agaattttct	gtaatttagt	acttcaagt	acttataaat	180
gtatatactt	ctctctcaca	aaagtgttag	gagaaggaaa	atcttaaata	ctagcttgat	240
ttcttaattt	aataacaaaa	aacaattctc	ataacatgta	tcacctaaaca	tgctactttc	300
actttaaaag	tctaaagagt	tgagggtttat	ttcttttctt	ttaaagttga	tgtttatgtt	360
ggtgatttcg	aaaagatcag	atcccccggt	atgaaggatc	ttaaccttgt	cttttagatc	420
tccatgagaa	atgcagtaca	tgtagcatta	gccatatttc	tttttagag	gcctatgtag	480
gatatttata	acctgtaaaa	gtttgatgac	ttcatgctca	ggagaaagca	agtaattacc	540
tagccaagcc	aggtgggtgt	tcagggttagt	ggtaaacaga	aaggagatgt	tgaaagattt	600
catatctaaa	gggtaaaaac	acaagagaag	tatatagaga	taaacaatgta	aagtataaga	660
ctgntacata	gtaagctcct	ncgaagtggc	agccattgggt	attatttttc	tgcn	715

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 5037

tgtttttgat	cnagnnctct	tgttcttttt	gcaggatccc	atcgattcgc	ggcgggtgtcg	60
gcagctgctg	tagcgaagag	agtttgccgc	gatgtctcac	accattttgc	tggtacagcc	120
taccaagagg	ccagaaggca	gaacttatgc	tgactacgaa	tctgtgaatg	aatgcatgga	180
aggtgtttgt	aaaatgtatg	aagaacatct	gaaaagaatg	aatcccaaca	gtccctctat	240
cacatatgac	atcagtcagt	tgtttgattt	catcgatgat	ctggcagacc	tcagctgcct	300
ggtttaccga	gctgataccc	agacatacca	gccttataac	aaagactgga	ttaaagagaa	360
gatctacgtg	ctccttcgtc	ggcaggccca	acaggctggg	aaataattgt	ggtggaagca	420
ctgggggggt	tggggtgggc	ttggaacaca	ggtgtgtaca	gcgtgctgta	atggaaagtt	480
ttgnatcata	gtaatcctgt	ttccactttg	gtatctctac	ccagattgac	tgtattagat	540
gaaatgtgan	gatcttggtc	aatcggaac	cccgtacctc	ctcttttctt	tctctttctt	600
tnntttttac	ttaacatttt	atgatgattt	anatggaagt	ggtctttngn	acttaatgtn	660
ggttccagnc	ctttaactgg	tcaaaattta	ctttttacan	tnacattctn	aacctttttt	720
aaanaagggg	ntgggggggtg	gnaaatgcnn	nttaaccc			758

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1278)

<223> n = A,T,C or G

&lt;400&gt; 5038

tnttggaang	tgtagncttt	tttttgggaa	aaaaaancec	centtttttt	nggggggggaa	60
naggtntnecg	gggnntnttn	atancnaata	cncnattttt	tgaanaaaan	naccccttnt	120
canggggnaca	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	atntntntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	cacnncctt	ctnntaatac	antacancnn	300
gaacccccctn	tcgngggccc	natntatatn	anaaancacn	ctacccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacanae	420
tncnntcaat	ccnccanaaa	tnntacnccn	anancnngn	ttannncanc	atacncaanc	480
cacnacccana	tnctcncnn	nacnnnncnc	ncnannannn	ccancacnnn	nannnnnnna	540
aannacannn	nannnannca	tncttctnaa	tatancnacn	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaactn	cntananaca	ctncantnnc	ccaagacac	anntcncnta	660
agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngnccccc	nctanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctncgc	acacnccnat	780
nncacctnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tenctnttta	840
tatcaanntn	ttntcantaa	aaaccacgtt	naatatcacc	naactcncnt	atntcnaata	900
agtacgtctc	cactanacan	acatatatat	ctacantttt	cncnnacnca	acantctatng	960
cnacaggant	cnnacccngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaaacnc	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattcccac	1140
nncttanntg	tnccacnat	aaccgnaatc	nccnaaaca	catggnaana	tccccactan	1200
tcgnatecca	cnccttcaaca	cnaagancnt	accacnntac	gtanacnaan	gancttgggg	1260
tnnaaanata	cttncccc					1278

&lt;210&gt; 5039

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgtttttt	60
tttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaagggttc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tectgaattt	tgagagtctg	agggtgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgtgtcaggt	tcttgtaggt	agtgttgtca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggtcgtc	cctggcgng	ntgcatcttn	catgggctcg	360
cctnggcct	aanccttaac	gctgctggct	tttcatggaa	accngggta	tttttcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggttt	cctttntggg	caagggaagg	ggcccccttg	540
cncctgggct	tttggcaccg	ggttttttnc	natgcccctt	ttgncggccc	caagaagaac	600
ttggctttgc	aacttgnccc	ttntggttnt	tggncctttt	tttggccaac	acaaacaagg	660
ccnccctggg	ctttgccctt	tcggnggggc	nccaaaacaa	ancctgaat	ttttgtgggtg	720
ggacaagggt	naangggctc	ccttttnaacc	tttcaaaaaa	gggctttttg	ggcttttcct	780
tttaaccnaa	tttcna					796

&lt;210&gt; 5040

&lt;211&gt; 1308

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(1308)  
 <223> n = A,T,C or G

<400> 5040

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gctgngnta	ggcnttncat	tgcgangcng	ncccnngngn	gnnnccnnngt	tgancnnng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaancganca	gnnnnnggcn	ttntgggccg	180
ccactgccnc	gaggnntcca	nncnctagtc	accnnggng	tacccttagc	nncncttggn	240
tcctctngca	ccnnntcnta	gaaaatnccc	nncnnnannnn	gncttcttna	gtgggtaann	300
tcengttnnt	ccccccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtcnnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttncnttt	420
gtgtcgngcn	tagnnanngn	tntanacgca	tncttgnnn	natganncnt	nctcngttn	480
atctctcatg	tngcctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacggana	tcgntcntnn	anntattnta	nntncangca	cttctatgt	600
atatnagntg	cgtancgtnn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnana	tcctctgcna	tangtncnat	actcngtata	ngncnctcta	tatntaacan	720
agngtangtc	tntgcgtagc	tcncnngnan	tctanncntn	gggtattcat	natnncaccn	780
tntagtnaac	nttacncgnt	gattnatnta	nccnnattcg	tgtnananga	cananncnct	840
natncaangn	nntacgtatn	gcacatanct	atgantnncc	tagatngntc	gctcaactat	900
cggcaanctc	tncataagnt	gtanntttna	antnatgtag	tctnccgtgn	ntngaccgct	960
atntnnntcg	tanctaencl	atccacnnaa	gananntntt	ngtngnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	cccntctctt	ttntntgnan	agtntgcnan	agttantcgg	1080
nngngtagcg	nntntacccc	tatngggagag	gnttctnnt	tatgcgacat	cncannnga	1140
nnngnnaann	acggcngggg	gnttctctct	tggatntatn	ctctantctc	tngcacgnnc	1200
nnggctttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	cccnntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 5041

gnnnntnnaa	ncccnnggtt	ttaganaggg	cngcagggtc	cccanacaan	ctcnntgcaa	60
gancggtagc	attcattacc	tgttttattct	ctgctgcac	ttacagaaga	gtaaaactggt	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttcctnaat	240
gaaaaanaca	tatngagaat	tgntctaagt	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	ggtgcatgta	360
tgtnacagtc	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atggggggacc	ctgtgcatct	gngcataatg	gcaaanngnc	480
ttanaagggc	cganccgaag	atcnatncng	acntgacngt	tganatgtca	ggagctgacg	540
acgaggggat	acagcgggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaaa	nntgnngatt	nacacaactc	cntncaggga	atngngttnn	660
nccanncng	acnttatctc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042  
 <211> 1105  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 5042

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gggggncggg natnaanngn tnggaaactn atncangat agcgcnngat tcnngantggn      60
ttcgaaaaacn ctncntnnng atttnaaata aaatnttttt cntntttccn ctgaggancca      120
tnttgaaggg nccagnngnn aaanaaataa gnatnnnggg ntcaaatect ancaggctca      180
naaatgectg nggttnnnnt nggttcnttn tngctntccn ctennatata anatectgcc      240
ntgacntggn nnnctcntnn ntcgcctnnc catcnntgac atcnencatg gcatgtanca      300
accntnnnnc gntannnnnt aaacnacact tgnattgtct gnantgttng aaatnnaaca      360
atngcaaccn cccantnnna nngggcnngn ccagnncaan acttggnann cttntcanna      420
tnatccntn cctntntncc cncatngtta ntcacttgta taacatttca nnnncnganc      480
tttatatntg nnttnttggn anngnntann tancntcnnc ngnanccann tagagatnnt      540
ggtgcngnnc tccataaaa nggtntctatt tgctnncaac ntacatcagc ctanctetna      600
atnttttagta caggcnacgg gaatatctcc ncnngngnga caaaatattc gcgngganat      660
nagnttnttt tngnncngng taccatcccg cgannattat actnntnnat angngatnta      720
aactctataa agtcnatgtc ananntantn agngagctct nncntgnaaa anaaangnng      780
ctcatgatct ctcnntatnt atnnnatcnc tccnanncta caatctntan ccanttnacg      840
ngcnnnatta nnnngnggnc anattncacg tgctcntcta agncccntgt gtctananac      900
nganncntng nantcaancg cnanagngcg acacnccgat actaantntg nacttccata      960
ccaattantn atgtntcatn ncccgcacat aatnagggtc nnaattntnt naatcaatgt     1020
ctnnncacna natecngcgt attccaagnt natatntntn aagnnaccnc tctagcnenn     1080
ananncaact tnngtcgtnt angcc                                           1105

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<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5043

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gtctaangna ncagctactn gttctttttg caggatccca tcgattcgaa tncggcacga      60
gcttccttgt ataactactga tcattctatt ttagecggtaa gaacccaaga aggagtatgg      120
atacctgtaa agctttctgg tccctgggaa gcctctcctt ctgtgcataat tattactgaa      180
attcttcaaa agattctgag atgctctcag tgtttcattg ctactttaat tttaatcatt      240
atgggattga ttgctgtcac agctactgcc gcggcancgt gagttgcttt gcatttcaca      300
gtncaaacag cagactatgt aaataattgg cagaaaaatt ctactttgct gtggaattcc      360
caaactaata tggaccagaa actagctaata caaatcaatt atctncaaca aactgtaatg      420
tggctaggag attgagtagt tagtctagaa tatagaatgc anttacaatg tgattggaat      480
acttctgatt tttgcattac tctctatctg tataatgaaa gacagcatga gtgggaaaga      540
gttaagaaac atttgaaagg tcatactgga aattnacttt agatattatg caactgaagg      600
aacaatatatt tcaatcttct ctggcacatc tgacactaat gccaggaact gaagtgcctg      660
aaggcgcttc anatggataa cagctattac ccattaaaat ggatcaggac caannaaann      720
aaaaaaactc cgagccttta aacttttgng agtcnnttc                                           759

```

<210> 5044

<211> 1444

<212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1444)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5044

ctctcncnnc	nnnnncnntc	tctnnncnntn	nnnnntnntn	nnnctcnnnn	cnnnatctnn	60
nnnnncnntn	nnnnncnntn	cntcncntct	ttntntngct	ctcncntctc	ntncatcttn	120
ccnctattnt	cntntntntc	ntntcncnnn	antnctnnnt	tctnccnnc	cancnttcca	180
tnntntactn	tcnntntct	ggctntnta	tntggggggt	ctattnttn	ncttaaactg	240
actngttcca	agtctcttan	cngcncntct	ctnncntctc	ntgcncntcn	ctggggcctt	300
aattncnncn	gctnttatan	aagngngnaa	ttaaggntc	nnntctann	ctntgcaagg	360
ctaagtnta	gatecngnta	gaanncgnta	catgttgga	acngacanct	tncctgcnaa	420
agngggctna	ggcanngnnn	tntgcaaann	ctcnnntntc	nnancttggn	tcncgtagan	480
cggnncccc	tgaatttttn	ancnngganc	nttaaantnt	ntngnggtac	gannccnncn	540
ncgnnnnnnc	gnntannccn	canngttaan	tgcncncna	nnnantcaac	tctntnttcc	600
tnntnnaacn	nnnttantct	annatnnta	cnnntnagnt	tttccctcnc	nacnctctg	660
tncctnttnn	atctntntct	tctcncntna	ttnttatctc	ntntntntnc	tnccctnatc	720
tatctnctac	nctcctntcc	ncttctccct	nnctctctc	atcatatccc	acgcnaactna	780
nccccctctn	ctcttacctn	mntnctctcn	tentatctcn	nnaccctctt	tctntntctt	840
atnnncncta	tctctactt	attctctctc	tattntncca	ctcacccttc	ntntntctnc	900
nctntctctn	tntctattnt	actntcncta	ttctcncntc	tctnttgntc	cccacccctt	960
cttctctctn	ctctcctnnn	nnnactactc	tcacncntctc	nnctntcnc	ctacnnntnn	1020
anantctctt	antttcctnc	tcacacant	actcttccct	ctcatnttca	nanctaantt	1080
ntnctctcac	tctaccactc	tnntctccac	tcatatnana	cttctatant	nctaactcta	1140
tcttcttaaa	cntctcctct	tatcncctta	antctctctt	cntcgctanc	tcnntncaa	1200
ctcgnaaatc	tctccaatnc	tnccccactc	taaaaatnnc	ncntcngant	cccacttttc	1260
ngngcanaat	nnaacnncan	tcnctcctct	ttagctatct	ctctanaaac	ccntttctc	1320
aacaggnaac	nccctntntc	tcnaaatctt	catnctncta	ctttatatnt	cnccaagcct	1380
cncctntgta	anagcatctc	ncntcncnc	aatnnanata	tccctnctcc	natanatntn	1440
anat						1444

&lt;210&gt; 5045

&lt;211&gt; 1027

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1027)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5045

agngnttctt	tccccctttt	atttngaaaa	annggcgccc	tnnttcnana	attggccact	60
ttttctggt	ccnnggggaa	tnccccaaata	cgcattntcg	gnaaatgtgn	cgggtcnacc	120
gatagtccca	aaacctctgg	ggccattgca	aaaaggggnc	cccangggnc	gntcttacia	180
ngnatnttn	ttttataccc	tnntnngng	gacannctgc	cagntctaata	cnaancgggt	240
gngattattn	gggggngngc	acccttnngn	cncnnataat	atatnnggc	tcnccatgtg	300
anggcncn	ccatangnag	tnatnncnc	tcactataat	tatcntante	anncgcaaca	360
antntatacn	ngtngtatac	nttgaatnaa	gaatnccact	nnatgctac	gantatnnnn	420
ntngtcnnnn	ngntgntntn	nnctnaante	nnnactact	tctnctgna	cnaantant	480
cgnactnca	cnnctnnc	tanatntgnt	anttnanctc	nnnnctcnc	tnngnnntcn	540
tnacnngacn	tanntnnatn	gnnanntaan	anactnannn	taannannnc	nnnnntnttt	600
cntntttcta	cgnctncta	ncnncnnc	nnntcnntn	nctanactct	nttnnnannn	660

nntantnnnt	cnennaccnc	tgatntattn	cctcantatn	nntnnttcnt	nntnnnnntn	720
ncgctnnacc	atacnannac	nacatnnnan	nnctgatntc	ncnntanntc	ctncnnccat	780
tcnnctgnc	ntntnnntat	cctctcanan	naanatntnt	nnntgannta	cgntgtatgt	840
ctnnctcncg	annataccnc	atcntnncta	ctagatacca	cnannnctnt	acnntnncac	900
ntntcnatat	nnantatant	ctnctacntc	ancnanctct	ngntntatct	gangacacat	960
atntcnngat	nacactgntc	caantnaact	cnagnnnnac	canggtcatc	gacnctatnc	1020
ncncccc						1027

&lt;210&gt; 5046

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(748)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5046

nentntttcc	tctcnaatcg	nttgggtgttc	ttnttgcagg	atcccatcga	ttcgggtcta	60
cagtatgtag	aagcagcaag	ttagtattaa	tgatgatggg	accttgtttg	atggtcgacc	120
aatagagtct	ctgtccctga	tagatgccgt	aatgcctgat	gtagtacaaa	caagacaaca	180
agcttataga	gataagcttg	cacagcaaca	ggcagcagct	gctgcagctg	ccgcagctgc	240
agccagccaa	caaggatctg	caaaaaatgg	agaaaacaca	gcaaatgggg	aggagaatgg	300
agcacatact	atagcaaata	atcatactga	tatgatggaa	gtggatgggg	atggtgaaat	360
ccctccta	aaagctgttg	tgttgcgggg	ccatgaatct	gaagttttta	tctgtgcctg	420
gaaccctgtt	agtgatctcc	tagcatcagg	gtctggagac	tcaacagcaa	gaatatggaa	480
tcttagtgag	aacagcacca	gtggctctac	acagttagta	cttagacatt	gtatacgaga	540
aggagggcaa	gatgttccaa	gcaacaagga	tgtcacatct	ctagattgga	atagtgaagg	600
tacacttcta	caactggttc	ctatgatggg	tttgccagaa	tatggactaa	agatgggtacc	660
ttgctagcac	cttagggcag	cataaaggcc	ctatattgca	ttaaaatgga	atacgaaagg	720
aaattcatnc	taaatgctgg	attnacaa				748

&lt;210&gt; 5047

&lt;211&gt; 825

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(825)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5047

gnnnnnnnnn	ttttnaaagn	ccagctcttg	ttcttnttgc	aggatccctc	gattcgaatt	60
cggcacgagc	agaaaagtta	ctgcagctta	aacaggaaaa	cccttcttgt	tcaggactgt	120
catagccaca	gtttgcaaaa	agtgcagcta	ttgattaatg	caatgtagtg	tcaattagat	180
gtacattcct	ggnggtcttt	tatctgggtg	tagctttgtc	tttttctttt	tcttttcatt	240
acatcagggt	atattgccct	ggaaaattgn	gggtagtggg	accagggaaa	taaaaaaatt	300
aagggaaatt	ttaacttttc	aataatttng	tagttcaagt	tttctacatt	ttaagtncca	360
gaaactttta	caaaaatgcc	agtttcgaaa	gggttttcct	tgnggaagtt	naccaagtta	420
aaggaagatc	attgggtaaa	ttactatttt	tggnatggaa	attttgctna	aagttnactg	480
gtaaaaggaaa	cacctgctga	ctttgcaagt	ttaangggga	atctattctt	cccattttcc	540
aaacccatgg	atatggaatg	gggcccctga	ccatgtggga	agaggaattg	gataatttgg	600
ggtggtttgc	natggggtgg	tttttagatna	attgggattg	gggtatttta	aaattaacca	660
tttgngggaa	nttnaatagg	cctttnaaga	atanccnttn	aaaatggnaa	aaaaaaatct	720



tcnaaaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaacttntt 780  
 nnggaagtcc nnatttacct nnnaatnccc gaccntggat naaga 825

<210> 5048  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (707)  
 <223> n = A,T,C or G

<400> 5048  
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 acgccaagat ggagctccag gctagcccac agaacagccc agccgcagcc gtcctaccag 120  
 accagcacct tgtaaccaca gtctaaccac gccggcacca ggcggtgaga cctcctgccg 180  
 ctgccagccc aggatagccc ccttgccctc tgcccaaggc tcaggctacc ccttgaggcg 240  
 tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa 300  
 cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360  
 ggtctgctgg tgctaccagg cttgaacagt cttcaaatec actgctatta ggcaaattac 420  
 ctggctcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480  
 tggttgaaca aatgattttg aaagaatgaa tgtcttcttc tgtgcctgca ttctctcaga 540  
 aggctgtaac aaagattaaa taggaaaatt cgtggaaagt tcaaaaaaaa aaannnnnct 600  
 aanantcatn nnannnnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660  
 gagnctgatt acgtanatcc agacatgata ngatncattg atgagtt 707

<210> 5049  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (762)  
 <223> n = A,T,C or G

<400> 5049  
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 acacaggtgt cgtgaaaact acccctaaaa gccaaaatgg gaaaggaaaa gactcatatc 120  
 aacattgtcg tcattggaca cgtagattcg ggcaagtcca ccactactgg ccatctgac 180  
 tataaatgcg gtggcatoga caaaagaacc attgaaaaat ttgagaagga ggctgctgag 240  
 atgggaaaagg gctccttcaa gtatgcctgg gtcttggata aactgaaagc tgagcgtgaa 300  
 cgtgggtatca ccattgatat ctcccttgagg aaatttgaga ccancaagta ctatgtgact 360  
 atcattgatg ccccaggaca cagagacttt atcaaaaaca tgattacagg gacatctcag 420  
 gctgactgtg ctgtcctgat tgttgctgct ggtgttggtg aatttgaagc tggatatctc 480  
 aagaatgggc agacccgana gcatgccctt ctggcttaca cactgggtgt gaaacaacta 540  
 attgtcgggtg ttaacaaaat ggattccact gagccaccct acagccagaa gagatatgaa 600  
 ggaaattgtt aaaggaagtc agcacttaca ttaagaaaat tgggcttcaa ccccgacaca 660  
 gtancatttg ngccaatttc tgggtggaat ggtgacacat gctggagcca agtgctaaca 720  
 ttgccttggt tcaanggatg gaaagtcccc ntaaggatgg ca 762

<210> 5050  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 5050

tgcttgctct	tgctctttat	gcaggatcct	anctcccnn	ccnggnagga	ggnacagtt	60
actgactntc	ccgcagacgt	ggtgctcttt	gaagggatcc	tggggcagaa	tgaggtggac	120
tatnnccaga	agcaggtggg	catcctgagc	cangatacgt	tctaccgtgt	ccttacctnc	180
nagcataagg	cctaagccct	gaanggccng	nncaactntn	accaccnga	tnnctntgnc	240
natgaactnn	ttctnantnc	actnanagna	atnactgatn	gnanagnngt	gcngatnccn	300
gtgtatgact	atgnctcnca	ttncagann	gtnccgatan	ctntccctga	tganacnnnt	360
tgagganaca	gatncggaca	cccgggtctn	acgcaaanta	ttaanggaca	tcagcganag	420
atgcagggat	cggtgaacac	tataacatcg	tcacttcatt	anatnnctnc	aagcntgcct	480
ttanangant	tctcctntgn	caacaacaga	tnccctggctt	ntanaggatc	ntnncatnga	540
gggtcncaat	agatactnng	tnggacaaac	ancctnatnt	gtgcaattnn	attcctntga	600
ccatccnttt	aatgggaaag	ggncnttnna	aacggggnaa	acccaattng	ttgnccctaaa	660
aggggnataa	aaccntttt	naaacnaggn	ntgtangnnc	ttcanaactt	gnnannaatt	720
atggccccc	ttttaaccct	ttaatggctt	ttngtcccc	g		761

<210> 5051  
 <211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(847)  
 <223> n = A,T,C or G

<400> 5051

nngtctatag	ctggctctcg	ctnttggtgt	gatcncatga	ncccatnnan	nnnantnngn	60
cccngtgagg	nctntnattt	gcaccatggt	cgagtnangg	tcctttccta	aacatgntnt	120
aaaaatatan	atncgatggc	ttatttataa	tgctccctatg	catggngaaa	tgntaaatac	180
cangtggtatg	antgggtctn	nnntatattg	tgaatggaga	attatncaca	atgcacttat	240
atgtgtanac	taataatgta	naatatgctc	nctntnctg	ntctgtgnan	aatgtgctct	300
aaaatnccct	gntngtgggt	agcatgggct	ggacagnnat	tgattttcag	aaaaatgctt	360
ggcttttggg	ttnttggcaa	tagggaagcc	tgcnsgaaat	tatctcattt	gncaaaaana	420
anttatnttn	ancctatttg	aatgtatgct	atcttcanta	cgcttccatc	ttatgatnna	480
aggnntntcn	natttctant	ccaagacttc	gngcntanac	tgtcncagtn	gggcatttga	540
tgncctgtca	ccagtggaaa	cctgaacgga	aaggggctnn	aggaccnacc	ttattcetta	600
aggcccttgg	agaaaaaccc	gttnanttgg	gctccttaga	actngctngc	nggggaaacc	660
tggaaaaccc	ttgcccctng	tttttaaagg	ggngnncct	tgggtttccc	attngggngn	720
ctttaaanaa	attttggggg	cccnaccna	aaatttggcc	ccggggattn	cnnctanntn	780
ggctngccct	tttaantcct	taanttaaaa	aggncctta	caatttttggg	canttggggg	840
gnnaaaa						847

<210> 5052  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

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<400> 5052
agagnnnnnn nttttnncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
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agtttaaggc ctttccgcac caccttgtgt atccctngcc tgcncagcgc atgtatnacg      180
tggagttgct ccttaccaca ccttanntgc ccctgagccc tatttntag atttcttngt      240
gggctggaaa ccccgtnct ccaccagcat ntccattatc ccaaactttc tagncctgct      300
gatcctanca nnaacggggg ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatggnn ccaatatntt ttactaanct      420
catgntatat ngagangaaa ctctatgat ctgnttcang aagggtggtta tngctngcn      480
gttnacgggn tnnatanggn taccaaatnt aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngnannc atcctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgntna ccaagtgaac tatatgngnt ctcatcannt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttcccatt      720
natggctaca nttgcttatn aggtngc                                     747

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<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1014)

<223> n = A,T,C or G

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<400> 5053
gnnnnnnctg nnnntttaat cagnctcttg ntctttngna ggancctcgc attcnaattc      60
ggcacgaggn nntgntcctt ntgnncnncc cnngntggng anacnannnt ggcttgtctt      120
nnnncgnacg cnngaagnaa cgggcntctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnec tacnnnngcc atntgntnnt ccaactgcnt gaanggctaa tcctnggcct      240
gctctennan nggntgnntg tggnaaangg ngtttggttt aaaanncata nnaatnnctt      300
tccatnatte agnctgtntt ttnacngggg anttnatntt caatnctntt agctgntnan      360
cnnccgcann gctcaattaa tncntgnact cttnattttc cctnccnttg nanttgcnat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacnt gngctagtga tttttcaann ncatgnttgc angaaaaaaa ccttttcaa      540
aaccttaatg gnaantttct ttgaggetta aanaataaaa tncctggggg gtttacttgg      600
gggggccaaag cgggggggga nttnaanntt tngccttctt tnttttgga accttttnan      660
cctttgggaa atggaatggg accctcccc cnttttttag gggtaaattc caaanggggc      720
ccttgnnnngc ggncccnna aaangtgggg ganatcnaac cctggcttng ggggatttta      780
aaaaaatttt ttnccaaaaa attnggnntt nttttttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa      900
aaaaaaacct tttttttttt tccnnnnnnn naaaaaatgg gggtnntaac ccaaaaaann      960
cccggtngnn nnccttttna aancnccaaa aancnttttt tcccccgna nggg          1014

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<210> 5054

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (762)

<223> n = A,T,C or G

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<400> 5054
agagnnnnnn nntttntnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

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```

catcgattcg aattcggcac gaggcattnc ctgctnngaa cctngtntac taatttccac      120
tgcttttaag gccctgcact gaaaangcaa gctcaggcgc nggtggtcgt tgtgacccaa      180
cctgcagtcg gtcnngncc ggccccccag aactncaact ggcaaacagg catgtgtgac      240
tgnttnanng actgcggagt ctgtctctnt ggnacathtt gtttcccgtg ccttggntgn      300
caagtngcnn ctnatatgan tgaatgctgn ctgngnngaa caagcgnngn antgaggact      360
ctntacagga cccgatatgg catccctgga tctatttgng atgactatat ggcaactctn      420
tgctgtntct attgtactct ttgccaaatc aaganagata tcatcagang gagagccatg      480
cgtactttct aaaaaactgat ggtgaaaagc tcttaccgaa gcaacaaaat tcagntgaca      540
cctcttnant tgagntcttc acnatctttt gcnactgaaa tatgatggat ntgcttaagt      600
acaactgatg gcatgaaaaa antcaaantt tttgatctat natnagatgg aatggttgtn      660
ccttgacttt agcttaaatg ggngcaactt taggtttctt cttgctntca tattatccga      720
aatttcttgg cttatnaact tttttnaaat taccatttgc aa                          762

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<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1024)

<223> n = A,T,C or G

<400> 5055

```

ntnnnnnangn ancnccttga aacgcctctc tngtangcgg atcccatcga ttcggntntgc      60
ananggcacn aggetgctgg gcctggaagn ccttttgggg ccactcgcta attctcatgt      120
gtngctccgg cccctccagc tgcaggtggg tgtggagttt gaggccagca caaggatgcn      180
ggacaccanc gtctccttcg ggtaccagct ggacctgccc aanccaacct gcttttcaaa      240
ggtaaaggtc tnggtttccc taagcgggaa acaggcagga agtgactcaa cttntgantg      300
ggatgtntgg gccaccacag gtgctggagg acagnagcn tgnaccctt ntngggctc      360
cacattaccg ggggaacact tgttaaaang taatgtgggg ccgggtgccc gtngctcac      420
gccctgtaat cccagcactt tttgggaagg ccaangcggg ccnaaggta atgggagaat      480
tgnagacca tnnctgggtt taaacacng gtggaaaact tccgttnttt taactnaaaa      540
aattncnatn nnaccnanaa atttaaacc cnggatagtt gggttttccn gggttgcct      600
aaattgggtg nccaaaacct tacntgnng ggnttttnaa gggnnncggg aaaaaaaatn      660
gggtnnattg aaanccncc angtaaaagg ctngggaaac cttttggctc ggagtaaaaa      720
cccnaanaa aancccgtag cncanancec nggaaaattt tcnnnaancc ccctgggggg      780
cccgaaccnn tntnnnncca aanngaactt ntccaatttt tttaaaaaaa ngnnnanann      840
annacnnata aaaangctct tggggtnggg gacaaaaaac cccctntttt nacctantgg      900
ggnnntaatt ggcctttggg gngaaanaaa aannanaana ntnttnnta taaaaaaant      960
cgggccctaa acnccttga gggntgagat ttnaaaaccc ccttngttta attatcccc      1020
gcct                                     1024

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<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 5056

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tnnnntnaaa cnnnnnnnnn tnnntcctg aannanancn taannncana nanacnannn      60
natnaaangn cttcnaact ggaaancttc nncgctcnag nagnaagacg gggaaccagn      120

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gncctnacgag	cnagacaggt	neccaattagg	acntcatctg	gncnctgtc	agncatcaat	180
gaggggcnca	atgactatag	cttggancac	agaccacaca	cnnengcgan	gntgcncggc	240
tngaagnatt	atncacanct	gcgnccccc	nggggcnagg	tgatggagna	taccaccatc	300
cttnggntgc	ncgaggngga	atttgccagn	nangggaaat	ntcagngtgt	catctccaat	360
cactttgggt	catcctactc	tgtcaaagcc	aaagcttacng	taaatagnng	gggattaaan	420
gannnctttg	gcatttttaag	attccnaggg	gccaanaaaa	ngnanaaaacn	nntcnctcgg	480
naatgttanc	ccngnaggnt	ntnatgngag	ntanccacct	gncctnttct	ttaccnacct	540
nannnnncac	agaatnaaga	tacttgggta	tctgtatnta	aacctgcnat	tatgggtgaa	600
nacgacaccg	nactcaattg	tggatgagta	acacaacana	tgaaccanac	ntgtanttgc	660
tcanttttng	accnttntc	nnttatnann	nagctgaggn	cggcaatctt	nnnantgggt	720
nccccaaaaag	gnttggaatg	annatcccng	gggttnncaa	ntngannntt	gnaatatngn	780
agcnnaaatn	gnannttcaa	ncnnntnggg	agnaaaaaan	cg		822

&lt;210&gt; 5057

&lt;211&gt; 1103

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1103)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5057

cggggaaaaa	ctcctncaaa	aaaancagan	nnacctnann	nnaggaggan	cccttaaaaa	60
aatatggagg	cccnttnggg	gggaccccc	ccaaaaacca	nccaagaaan	aantaagggg	120
ggnccttgg	ggggggggat	gaaaataang	gggggnnccn	tnnnggnggn	annnanncnn	180
nnnnnnncnn	nannannana	nnnannncnc	nnnnnnnana	aannnnnnncn	nnnnnnnnnc	240
nnnnnnnnnn	nnnnnnncnn	nnnnnnnnnn	nnnnnnnnnn	nnncnnnnnn	ancnnnnnnn	300
cnnnnnnnnn	nnncnnnnnn	nnnanngcnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnncnnnnnn	nnnnnnnnan	nnncncncaa	nnnnnanncn	ncnnnnnncc	420
nnnnncncnc	nnnnncncnn	nnnnncnnnn	nnncnnaccn	canacannnn	ncnnncnnnc	480
nnnnncnnnn	nnncncncaa	ccnnncncnc	ncnnnnncnn	nnnnncnacn	cannnnnnac	540
cncannnacc	ccancncnnn	cnnncncnc	cnccccnacc	nnccnnncnc	cnnccnnnnn	600
nnncnnnnna	nnancanccc	nncccaannn	cnnccnnncn	ncncccnncn	cnncccnncn	660
nnncncccn	cncnnnnccn	cncncncnc	ncacnnccnn	cacccaance	ncnnncnaca	720
nnancnccn	ccncnancn	ncnnncnnan	cccacnccn	ntcnncncn	canannaacc	780
cnnannnnnn	cnnacnannn	nnnnncncn	nncannnanc	cnnncncnc	nacnanncnc	840
cnnnnncncn	nnannncaan	cnnnnncnat	nnnnncnana	nnnnnnncn	nccnacnncn	900
cnnnnncnnc	cnnncnca	na	nnnnannann	ncnccnncn	annnnnnann	960
nnncannnnn	cnnccnnnnn	ccnncnnccn	cannnnnacn	cncnccnncc	nnnnnnnncn	1020
nnnnnnnnnn	nnnnnnnnnc	acnnncncn	ccnnncancc	ncnccncnc	nnnnnnnnnn	1080
cacnnnnccn	nnnancnnnc	cct				1103

&lt;210&gt; 5058

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5058

agagnnnnnn	nnttntnnct	actaatggct	tggctacttg	ttctttntgc	aggacccatc	60
------------	------------	------------	------------	------------	------------	----

gattcgaatt	cggcagcagg	gnaaattgng	catnnnnntg	tttgcngatg	gcnnncnttan	120
ctattnnatt	aangcncntt	atactctgct	gcttaactng	cttgtaattg	cacntnngtt	180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangect	gttccatttg	aaanatatac	360
aagtgtgtgg	ncaaaaggaa	gtatacccg	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcang	tncagtgtca	cagctacacg	480
ggatactgnt	ggtgcgtcac	gcccacggg	aggcccatca	gcggcncctg	cntgncccac	540
aagacgcccc	ggtgcccgg	ttccntnaat	naaaagttnc	cccaacgcga	aggnacatga	600
aaaacagatg	atgccgtanc	ttcanngttn	ganactcanc	cttaaggnga	ttaagaaaat	660
tttgcataaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa	720
cnaaaaccca	ataaganttc	aatggcctcc	tntggancca	a		761

&lt;210&gt; 5059

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5059

gngnngnnnn	nnnnngnnnn	nnnnnnnnng	nagnnnnnnn	gaggnntttt	ngatacagct	60
cttgttcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtngaat	ctgatacaag	ctgtgatgtt	gcctgangga	gangatctca	180
atgaatggat	tgtgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattoagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcaactgn	canatggtac	taatattaaa	aagccaatca	aatgttctgc	accaanatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttccttcta	420
agattggtgn	ccatttgcen	aaactttatg	tctgtgngca	nanactatct	ttaaagcgtct	480
gntcaggggt	gatgcccatn	tttatcacca	gcactttgan	tctgtgatgc	anctgcaata	540
ggaggccccc	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaatat	600
gggtgatagg	cgtgaactgg	cacctgtgtc	aagaattaat	anagaanctt	ggatcacaa	660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

&lt;210&gt; 5060

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5060

agagnntttn	ncnctgaag	ccctntaaan	nggctgggta	ggctcgtncn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgacntt	tnnagtangt	gggtgggcanc	120
tcaccgtggg	nacagttagc	ctntctatnc	ctngcntnct	ncaactccnc	gnantngcta	180
aanggctggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgcngtatnc	240
nccgatctgc	anancagctc	ggntggcagt	gnccactngg	antcgtntta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncaacgcn	ggctcaactt	ggcnacnant	360
gncacngng	caggngnnc	tggagtacnt	nnccgnaagc	ngtgctnnga	ctnggcntgg	420

```

actgnntcan aagactnnta ngtaaaccgt atctccacnc gnatcntgca actatgctnc      480
ccttgganat gannancag antgtcatan aaangntaca antgcngata gtggnncant      540
cacananatg cacagngccc ntnttgncaa natnggacat cccaggaant gccagangat      600
canggangcn ttgaaatntt angactnnta antgtcncnc gcttgtnaca gagctgnttg      660
aaaggcagtc ggantgcac cctggngaaa gccacaaagt nntgacgttt tggggattng      720
natttgaanc aaaagcngaa gaactttaat taggattctn cnanccatcc cnaattgctg      780
ggaattcgaa atctttaacc acatggcc                                         808

```

<210> 5061

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 5061

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taannatcag ctcttggtcn ttgaagcctg ctatnnncag ctacttgctt tttttgcagg      60
acccatcgat tcgaattcgg cacgagtggg aaangtttta tttntnact gnngttgncg      120
gttaataana tggtncaaaa cgtgcncctgg tnacacactc gantatntnt ttangaaatg      180
ntnatgtggg natgattacc nttagatcaa tactttaaat aattttaccc nttttacaag      240
ggtaaccang ggcatactga aacttttagaa cncttncngc aatnncnatg ggggangttg      300
ggtgangctt nggatccctc ttttnngttt tgcacgntgn aanngangtt nccagntggc      360
atnttgaata tgctgctttc caaaaaccca ngaagtnta aaattgcttc ctggnccttag      420
aggactaana acaagaccct cattccact ttcatttnca ctctagcaaa aactgggctt      480
gcgantttct ccantactc gnnatatatc tcnttccatg tncaaactt ncattcctaa      540
gngggatttg cttactttng cccatccata tggcagnatn tntaatagct ttgnaccggt      600
attagattct ggccttaggc ccangttcaa aacaagtgcc natctatgac cagggnccaa      660
anaaaaaana tccaggattt cgaangagan acnntncatt gggantnaag actentacna      720
agtccttagc cnttttcata aaagcctggg cctctaagtn ctgnnaccat ttttaanggga      780
canttatnaa an                                                             792

```

<210> 5062

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 5062

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tttnaaancc ntggttnaat nctnnttga anctttttta tgatacagct cttgttcttt      60
ttgcaggatc ccannnnncag gcttgacca cgcgcccag cctgtaattt cttataactn      120
gtatnttgta cttgtattat gcttctgata cgctataatn atttatgtac atgttttttt      180
nctncaatan actgggaact cttcgaatgt aggactnnta atgctagata ctcaattatt      240
ttntattaaa ttgaatgact ngaaactaca gatccttnat ntaaaacttcc caaatttatg      300
ctgtatttaa ncngetcttn aaatctgggc nntaangnga attntnaagg cttgggacat      360
gcacatgatg gntgtattgc caactgngaa aaggatgatg nttactggag caggggcaag      420
gacacctggc cccgcccggg gcaaaaactg ntcaaccaca aacgatagca ggaaaaggcc      480
tgtgncttnn gcaacantgt nttgctgcag ataatnncnc agagcctgnt tctctgntct      540
tnctgagatt gcttttggtc cataaangat tgttttagct aatctacaat ctatagaagc      600
aatgntanaa cttgggtttt tggantaaan ngnnnggggna aagnttngna atgtgggntg      660

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tcaannttttn gaaaaaannc tnnatacnan caaaanttna nccatttttna atnttttagng 720  
gnggantant ttnatnnann nttntnagan actntgtntga gtttgnaaaa acccaaantr 780

<210> 5063  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

<400> 5063  
cgnnnctttt tgaaccatt tctcgttctg caggatcnna tcnattcgaa ttcggcacga 60  
gggaacttac ccatggggac taatntggaa aaggtctgtc catagtggnt ccctgaagac 120  
tggaattact tcagcaaac ttncccatga acagctaag tgtanngaaa gantgancta 180  
gcaaatgagt tttaccgggg acaaaaaatc aagcanaana gtgaatgctt agaaccttct 240  
caaagcantc acaagtacag acacttcact tagcctaggg ggccttcag ggttcttctg 300  
gctgntgtca gagcaggagc tgggggaggg aagacttgtt ctctctttct tgaggggtgg 360  
cattaggaac ttacgaaacc anagacctt cctatgact tggcagnatg tgaatatect 420  
ctacacttag ttattgataa acttcttaaa gagatctgct attttcaggt agtgccataa 480  
tctgcactta ncattggctt gcttcagttg ggccctcttc canccagtat gcccaggtga 540  
actttcgagg ttgtcattaa gtaagttgtg aaatttctgn aataacaaag gcagtcnngn 600  
attctttcct tttccnccaa attcctaagg caaaactttt ttatggngct ggtnacatgg 660  
ggagtnacac aaccnctga ctttttctca ttgccattgt aatgactgat gganaacccc 720  
accnctggg atccaaatga caattgtgct gaaaaaccna tc 762

<210> 5064  
<211> 763  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(763)  
<223> n = A,T,C or G

<400> 5064  
gnnntttnnn atctgctact tgttcttttt gcaggatecc atcgattcga attcggcacg 60  
anggtgactg cagttgacga aagcatgcc aaggggtatgg ggacattgnt gggccacatt 120  
ttggngacng acccngctg ttgactttgg gaccnatcc tttgannttt ggcntgcect 180  
cntagnctt ggaattccct gttttccagc ccancecna tggatgtat attcnttaca 240  
agtnctccna aagancant gtctaggatg cggggagggg aggttccttc cntangggag 300  
cgtgganaga agggagcagc cttggggttg nattntnggt natgcntcan attgggcatg 360  
catgggatgg nanangggct cagccactnt cctncagaat ctccctnaga cctncaact 420  
gcantatgta atnctactct gtncttcata naagggang agccacatat gacattccag 480  
ttctaagccc ancatggang aacangncta tgtcccata ngtgangtan aagtagaggg 540  
cttcacctgn cagtatnctt gccgctaact cctcacataa ggaangacga agaagnaacc 600  
nggacctgc ttnccatgg tgcantcagg aacanggttt tacgcagctg gccaaactntg 660  
aggctntgct gncttttntc gtggncagtc caggaaatgc ttacaccacc ttttttccca 720  
ctnttncctc ttggattntg ggggnccnc aaaccggaat tnn 763

<210> 5065  
<211> 762  
<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaaccatt	tctcggtctg	caggatcna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggctctgc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	tncccatga	acagctaata	tgtaangaaa	gantgancta	180
gcaaatagag	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatcct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gcccagggtg	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttcnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnntga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accncctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgcttac	taatagntgg	gttggntnnt	tnttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctttg	tagctgacat	gacacatttt	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtgggtc	ggcccagcta	180
attgcatatt	gaaatacatt	agatttgctc	ttaaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtggt	taggtagggt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcactgta	agccccaggg	gctttggggc	360
tgatagggtt	tagaacattg	cactagggga	aatgaattgt	aaagtaattg	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atttttaaag	aaagcaaacc	480
agcctgggtc	ggtgggtcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcggggccg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600
aaaatacaaa	aattagctgg	gcataatggt	cntgcctgta	gtcccactac	ttgggangca	660
nangcaggag	aattgcttgn	acccgggana	tggaagtgtc	atgacccaaa	tcggggccctg	720
nacttttacc	tgcacanan	gant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

&lt;400&gt; 5067

gnnagnnnnn	nngngnnntt	tnagatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgcaagc	attcaagaaa	taatgggtgag	aatagcctgc	taatagcatt	attcccatatg	120
caggttgatg	ccgccttacc	tttggacatc	ctaacctatg	aagagaagac	cttgtcagcc	180
atcttgagaa	tatgtagcag	tggtcttggt	aaattgtgga	gctctttgac	cctgttagga	240
tcctataaag	gcaaaaaatg	tgctttccgg	gtgattcaag	tttctccatt	tcttcttgca	300
ttatctggta	atagtaggga	actagtattg	gattgaatga	ataagtcttc	cattttggaa	360
acgttcaccc	actctcatat	ttattttttg	gtgcctgcat	gtttgaagac	tgaagcaggc	420
taaaagctct	tgatgaaatt	tgagggtgct	gaagatgttc	ccactaattt	ccagccatca	480
cctttgggtg	ggtgggcttc	ggaggacaag	tctgtctgaa	cctgccagtg	ctgaccctgc	540
agcactttca	gcataatgcac	atcaaaagtt	ggagaccgag	cctgaactta	nganggcctt	600
cacacagact	gatgtggcta	cccttctcag	aattaacagg	ggatgtcaat	cctttgcatt	660
tgaatgaana	ctttgcaaaa	cacaccaagt	ttgggaaatn	caattggncn	tgggaagttt	720
tgacaacgga	ct					732

&lt;210&gt; 5068

&lt;211&gt; 820

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(820)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5068

gggntttata	tatcagctct	tggtcttttg	caggatccct	cnatcggtan	nengnnegan	60
ctganttcgt	acnnagnct	gctnntacct	gggctnactg	gannnctcca	nectacncagg	120
cagnaggatg	gnagctnaac	tnccangang	agcttgacga	gnnccctgna	tccgtgccac	180
tgcactccag	cctggcctna	cancanccgn	gactcnngnc	tnntaancct	aaaagnctcn	240
ttatcagcat	gntcccat	ganagngtcc	tacatnctgn	gacattcacc	tatatccng	300
ggncctntta	attnncaacn	actgctctta	gangtcttag	ncttttatgt	taattctnat	360
aaatnctnatt	gaatanatat	tatncccaaa	tcttagtggt	ngcatnttag	ctattnaanc	420
ctntccaang	tangttaaag	gccaccgttt	tengatnaat	nctnctttt	atantcnatc	480
tggaatanag	catttctntg	agaataaaaag	anagtttntt	tnaanaatag	gatcttttng	540
ncccttcggg	ncgncccttn	tgncctntag	ctgctttggg	gcaantntga	agttgagnga	600
tcnncnttgt	agccctagga	atttccanan	ttgcnctgnt	gtnantggaa	cttctnancc	660
ttgtgcenag	agnantnatn	nccctntnn	tttttaaaaa	nnaattngtt	tcaaanttcg	720
ncctnttttn	aataggttn	anatgnttat	anaccnnggn	cnaagttntn	caatcttnan	780
tcccttttag	nntccnaatn	aatntaaant	ccttnaatng			820

&lt;210&gt; 5069

&lt;211&gt; 833

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(833)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5069

nnnnnnnatn	atnnnnntnt	nnnnntntnt	nnnnnnntnt	ttnnnnntnt	ttgggtgaggt	60
naatcttctn	ttanccctcca	nntntcgnct	tnnttgcant	nccngtcgat	tengataact	120
agtcaataag	gaacaggatc	aacggccact	ccacccatgg	caaateccaca	tgcaggggnt	180
ctncaccaag	gttccagcct	ncaaagtga	anacgcctng	gaacagcnag	ggaggtnaac	240

```

aataattnaa nananagaan ggaataacgg cnnaagaaaa ngaaaaanaga ancgaaanaa 300
ctaangntng aaaaccaccc ggaaaactca aggaatcaca atcctaanaa gcccaaaaag 360
ggacaggang ctnancttga ngctggtggg gaggaantcc ctgaggccaa tggctctnca 420
tggaananga gcnagaataa gaancanngc aaggacancn ccncttagga atangcacgc 480
gttggcgcnng ggaaaacgaa ncngangcac tctgaanttt aaacatattc tnagaaacaa 540
caanatnaag cttccagaac attctgaagg gcnganaacc agaataccat naagctcctg 600
caaaaagtta attnnnctgg aaggggaacta ttaaancatt ctnaaacaag ccccaacaa 660
tnaataaacc ctcaaaaagc taangaaaaa agtttttntct tantactaca caggtgacca 720
gatttagcct tnaccagatt tccaaanaag gaaactnccct tgggtcattc ttttaacaat 780
gaaaaattta tctacntaaa ncctttcctt ttttaantttt tttaaaaagg gng 833

```

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 5070

```

agagnnnnnn nnnnttgtct tntggctctt aanaggcttg gctacttggt ctttttgag 60
gatcccatcg cttcgaattc ggcaagagga gccctcttat tgtatatact gaacgcattt 120
ttaaattgaa gagatactat tctgtgtatc tttgcaggcg aatgagtcct aggttggcca 180
gtgtctcact agttgagatt aaatttttgc ttatacttgt tgatttgact gccttctgaa 240
tagtattagg aacacattgt aaatttgggt ttgatggctg gctgaagttt tccagcacat 300
ttcttgaggt tgccaagttc ttctacaatg actgaatcta ctcttcattc attctagtca 360
gcagtctcac acttaattcc aaggtttact taagattttt ttctgaaaaa gcaatgcttg 420
ctttccatat ttgcataatt tttctctgcc ttaatagcag aaacaatggc ttcattcttg 480
atttgatatc gattctttcc attgatatat cttgtcctta ttagctaggt gtttccact 540
gggtgcagtg gcttatgcct gtaatcccag cactttggga ggtcaaagcg ggaggattgc 600
ttgagcctag gaattcaaga ccagtctggg caaaatagtg agaccccatc tgtcaaatg 660
aaaaaaaaaa aaaaaaactc gacctntaaa ctatagttag tgcattacgt agatccagac 720
atgataagat ncatggtgag t 741

```

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 5071

```

ntttttnaaa acnacangct ncttgtgcan gatcccatcg attcgaattc ggcaagaggg 60
tggctcggnc tgtngctgng gtttcttgag ttgctgctgc tgccggcgcg gcagcggcgt 120
ctgtgcttgn ggaggtgtcg gcctntgggc ggatggtgac attgtgttgn tgttatngct 180
gatggtaatg gcncggcg nggcnctga cgggtccagac cccatccact ctgtagccgg 240
agccganaca gccgacagcg aactncncgg cctcgnatcc ggcagcagng gngactnccc 300
tcagcctgcg ccgcctnncc cgcgggtncn cngagccaa cccngggagt cangncctnt 360
nngcatggga gctcgnagc tnangatggn ngatttacac aaaanctatg atgaatagga 420
ggacnaggan cgcccttggg ggagcagctg ctcaattact caacggaccc ggtggctgctc 480
ctcggatccg gtcannctcan cgtatnagga ctgagcaaca aatttgaatc tgaattgcct 540

```

```

anttcattaa ctggaaaant cactcctgaa gaatttaaag ccngcattaa cattantnac      600
aagttggatt aanaaaaacc ttctgtaaat gtccgttntct ncttagngga ngccttnnat      660
tgctgctgcc attangtnon ntttgtggcc agtnnttggc tnaattaaag aacnctaaaa      720
ngttgagnat ttantagaat gggaaaancc atccgttntt      760

```

```

<210> 5072
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (742)
<223> n = A,T,C or G

```

```

<400> 5072
gntttactna tatcagctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggaccgcca attctaagat tgtagtggta actgcaggag tccgtcagca agaagggggag      120
agtcggctca atctgggtgca gagaaatggt aatgtcttca aattcattat tcctcanatc      180
gtcaagtaca gtccctgattg catcataatt gtggtttcca acccagtggga cattcttacg      240
tatgttacct ggaaactaag tggattaccc aaacaccgcg tgattggaag tggatgtaat      300
ctggattctg ctagatttctg ctaccttatg gctgaaaaac ttggcattca tcccagcagc      360
tgccatggat ggatttttggg ggaacatggc nactcaagtg tggctgtgtg gagtgggtgtg      420
aatgtggcag gtgtttntct ccangaattg aatccagaaa tgggaactga caatgatagn      480
gaaaattgna aggaagtgc taagatgggtg gttgaaagtg cctatgaagt catcaagcta      540
aaaggatata ccaactgggc tattggatta agtgtggctg atcttattga atccatgttg      600
aaaaatctat ncaaggattc atnctgtca acnatggtaa aaggggatgt ctggcattga      660
caatgaannt ttctgagcct tncatgtatn ctcatgcccn ggnattaacc tcgtnttnac      720
ccnaacctan ggatgatagg tt      742

```

```

<210> 5073
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (732)
<223> n = A,T,C or G

```

```

<400> 5073
gnnngnnnnn nnnngngnnt tttatatcta ctggctactt gttctttttt caggatccca      60
tcgattcgaa ttcggcacga ggcccagagag ggaacctcct ccgctggggg acgggaagcc      120
caccgacttt gaggatcttg aggacggaga ggacctgttc accagcactg tctccacctt      180
agagtcaagt ccatcatctc cagaaccagc tagtcttctt gcagaagata ttagtgcaaa      240
ctccaatggc ccaaaaacca cagaagtgtt attagatgat gacagagaag atcttttttg      300
agaagccaca gaagaagttt ctttggacag ccctgaaagg gaacctatcc tatcctcgga      360
accttctcct gcagtcacac ctgtcactcc tactacactc attgctccta gaattgaatc      420
aaagagtatg tctgctcccg tgatctttga tagatccagg gaagagattg aagaagaagc      480
aatggagac atttttgaca tagaaattgg tgtatcagat ccagaaaaag ttggtgatgg      540
catgaatgcc tatatggcat atagagtaac aacaaagaca tctcttttnc tgttcagtaa      600
gagtgaattt tcagtgaaaa gaagattcac gactttcttg gtttgccagc aaaattagca      660
gccaatattt acatgttggg tatattggng ccaccacttc cagaaaagag ttttagtagg      720
atgaccagg gc      732

```

```

<210> 5074

```

<211> 772  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (772)  
<223> n = A,T,C or G

<400> 5074  
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angnntntct gactnttnnn ctatgtaata ngcaggngta gttgnntntn tgctgccatg 120  
natgnatnna catnnatgt gcagtgctn acgtaatacn ctccnatnaa nctngttggn 180  
cntactnntc nncaacntgg atatgncant ttgnncagna cnantgntgc anattggaan 240  
atgatggcct nactcttaacn atgtgattgc ctatatgncc tctnnacctt gaatacntnt 300  
gntatncnan ncanagtnt aaaggatgnc natnatagca gcncctcttn naaataagga 360  
aacntccttg aataatgtaa agcctcata tacaataatg aataataaag aataatgtga 420  
aggcttcatt caagggtggn gtttgccaga tcattgcaac aaaatgacag agcanccaac 480  
gtatttanga tagtgccaa agtattgtaa tgatggctta tggagtgtca gctggataaa 540  
gagtgaat gactaaaaac taatggattg ttcagtcgaa tagcanatgg tcaatggtea 600  
tggccagtat aataggggga cccaaatana aattggaaga cccagtcana agtggggant 660  
tgatcaatc canccaaaag tgggaatggg caggggaatc ggtaggcccc anggttccaa 720  
aatgtttacc agnggncaat tttgttgcc ccattggtggg gaatccaang gc 772

<210> 5075  
<211> 750  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (750)  
<223> n = A,T,C or G

<400> 5075  
agagnnnnnn tnnntcttat cgcctaattgc ttggctactt gttctttttg caggatccca 60  
tcgattcgct gtgaagacct ggaaacagac aaaaaagagc ttgccaagct ccagactgtc 120  
cagctggatg aagatatgca agacttatga actttatttc ctctcacct ctttttggca 180  
tcagcggcaa atcttttcat gaagccccc aaacacaaaa cattttccca tttaaaggaa 240  
aacactctag ttttgcaagt atatgcatac aagagacttt agattgatct gcatgaagat 300  
cacagttaag tttacaggag tagaactgca ttattgcagc ctttttggtc acttataaat 360  
ttctctttta aatagatgga gacaaaggac aagggtgaaat gtatcaagtc aaagtgaatc 420  
atttagttga ctctataatt ctaagggtcaa aatgggaactt gatagttttt taaattaaaa 480  
aatgtataca cctaacatag aaaattaaag atagctgcag accattagaa ataatacaat 540  
tgtttttgtt tacttttact ccatgggcat tgaaaagggt aagaaacata aatgggtccat 600  
atttttaaag ttaagtagca tgcataatata tatgcacaca cactctttt tcagcatttt 660  
ttgagaaagt cttgggtctt caaacacatt tgtctcaaca cattttccaa tgtggattct 720  
aatagctcan tgtggctgaa aaagtgcna 750

<210> 5076  
<211> 761  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5076

agngnnnnnn	ntntctnnn	ctactanctg	nttgngtggt	gtttctgcan	gcaggcnntc	60
gattctaatt	ctgccgnacn	cgngagtaaa	gctggaaaat	nacctataaa	taatggcana	120
aaaaaagcta	acaatangga	agaggaacta	tataaaagga	acatttgagg	catagaagag	180
agttcatgga	aatgtnaaaa	atgatgggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaagag	ggatcatgaaa	gcatctagaa	gtaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataatn	gagcagtgcc	cgcaagatcc	tgagggaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccctgaa	catattcagg	gcttcaaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	aacagtggac	ccagttaata	gcngatcagc	cnaggataag	540
atgccctaga	agatggtgaa	gggaaagtct	cagaactact	ggtcttcagc	aggcagcgaa	600
gacacctgat	ccatattgga	ntgggtggga	tgcgaacttc	aggaagggat	gcccccaagg	660
aaaaattggn	aagggntgat	gactgncttc	aanagggtcc	aggtctttta	aaaattttcc	720
ctnccaacen	tcacntttgg	ctttngaaan	ccnccgctga	t		761

&lt;210&gt; 5077

&lt;211&gt; 765

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(765)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5077

agngnnnnnt	ttntctctc	gcctaagtct	tggetacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gacnancct	ngcgctgcc	tntccangat	gtctacanaa	120
ttgggtggtat	tggtactggt	cctgttggtc	gagtggagac	tggtgttctc	aaaccnnta	180
tggtggtacc	tttgcctcan	tcaacgtttc	aacggangta	aaatctgtac	naaatgcacc	240
atgaactttg	agtgaagctc	ttcctggnga	ctatgtggnc	tncaatgtca	agaatgtgnc	300
tgnaangatt	gtcccgncca	aggcaacgtt	gctggtgacc	gcataaatgn	cccaccaatg	360
gaancatctg	gcttcaactg	tcangagatt	atnctgaacc	atncatgcca	aataagntnc	420
cgntnatnnc	cctgtntttg	attgccacac	ngtttacant	gcatgcaagt	ttgntganct	480
gnaggaaatg	attgaacnnc	ntctgnntan	aagntagecn	atggccctan	attcttggac	540
tctggtnatg	ctgncatngc	tgatattggt	cctgncaage	ccatgactgt	cgaanagctt	600
ctcaagacna	tncaaccttt	ggntcncttt	cgtgctacga	ggatattgng	caccggacag	660
ttgccgnagg	cnttttgatc	aagggcccnt	ggacaaaaaa	gctggtcgaa	cctggcnaag	720
gtnaaccaan	ncttccccct	aaaacttcan	naaggntaan	tgcan		765

&lt;210&gt; 5078

&lt;211&gt; 969

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(969)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5078

annnnnnnnn	nnnnngcnnc	nnncnnnnnc	nnnnnnnnnc	nnnnnnnnnn	nnnnnnnnnn	60
cnanncnann	ggggnnnncc	gntnaaaacc	ggtngccenn	gcgcncgggc	ggggngggcnc	120

nnanccgaat	ncngcacgna	cggggccgnc	ggngggaccc	tgggntgggg	gcnagaanca	180
nccgacgcng	gccagaanag	ggggnctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	ancccnanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagttg	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cnctnaannng	420
tctngagacc	cgggntgnct	gggggaaaca	gcaggcccg	acantgnnng	gngtngggac	480
ttancggaaa	catgggtaac	gtngcancag	cgccacggga	gtccaacccc	tgaaaatacc	540
caganctcgc	gtgnanancc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccnna	nttnaanagc	ccnccgnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncnccanga	720
atnanaaaag	gganaaccan	ntnccgnggc	ccaatntnac	ccccaannc	aatncccnnt	780
tccgtgcngn	cccaatnate	cnccnagtn	cattntggcc	ncnagnqgng	ggggnnccnc	840
aaangncttc	ttgnaaacan	atnggggaaa	ccntttnacc	aaaaaangc	gnannngggg	900
cccaatancc	accgggnccc	cccanannc	annggccann	ancntgggcc	tccaaaaaaa	960
agaaanngg						969

&lt;210&gt; 5079

&lt;211&gt; 748

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(748)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5079

agagnnnnnn	tttttgtctc	taatggctgg	ctacttgttc	tttntgcagg	atcccatg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgacnnat	120
catggaanga	tagctnact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tnengnggcc	nctgnentgn	tnctcatcac	tggnettagc	tttgagtag	240
ncaactccaa	gtggcccag	tctagactct	atcaaatncc	acactgatag	caacaatgan	300
tgcactctgat	gtgtgctgct	ggcnatctta	agcccaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganntnta	480
catgaaagga	tataccggtt	nanaaaccac	atnccatntc	taaatgctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

&lt;210&gt; 5080

&lt;211&gt; 949

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(949)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5080

gnentacttt	nttatcntan	cactctgctt	tnctgcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtnnccntga	actcacattn	120
tgttcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaagt	annaannana	240

ntnggatctt	gcngncetta	atctcttccn	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggcn	ctgntccann	gtttnttgcc	ccnnacccga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaannt	tgggggtgcg	ccggtacctn	ttgaaaatga	aggtcncccc	420
caaatggggn	gngagttnnc	catncctcgc	cccttgnggg	ttnatattggg	ngaacctcnt	480
tggncctctn	tttttacttt	tagggggcan	ccccatttt	cncctttggg	accccttng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggncctaaa	actttanaat	tnaannttgg	600
tttanagcna	anantgtggn	cccaaaatgg	gtacangggg	gttnccccaa	caaaagccgg	660
ctctttttga	tattgcatac	ctcaatnccc	acttgtcaat	centttttta	ttactttanc	720
ctctaacata	atgaatntta	ncgccctnan	aattccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naanngatct	nttgannnnc	netcancata	840
cgatattnta	cntctngnct	tnagaanact	cttttattnc	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgtc	atcctcanag	ganttaangc	tataaaaann		949

&lt;210&gt; 5081

&lt;211&gt; 779

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(779)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tgnanganen	ctngnttcga	angngcnang	60
ngtgcattgat	netgnccnnn	nattgctagc	gntaanaccc	ncgaggaggat	atggatncct	120
gnaaagcnc	ctggctcctg	ggaanccnnt	ccttnngtgc	ntnttattac	tgnaattnnt	180
canaagattn	tgagatgctc	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacgct	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaataatggn	ccagaaacta	gctaatacnaa	tcanttatgt	ccaacaaact	gtaatgnggc	420
taggagattg	agncgttagt	ctagaatata	gaatgcagnt	acaatgtgat	tgggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tacttttagat	attntgcaac	tgaaggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
nnaaactana	anaaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

&lt;210&gt; 5082

&lt;211&gt; 935

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(935)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5082

atgggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttta	aaaccccttt	naaaaattgg	60
gnaccctttt	nggggtntaa	attanaatcc	ctnttgagg	nettnntaen	ctccctcnaa	120
naanttaana	cactantatg	gccgtntttt	tccnccnta	cctttgntnt	acacccccat	180
tgtgcnaaaa	gntnncgcaa	nnggtnncca	ccaaacnttg	acannctcta	tagtaanttt	240
acnacncnac	ttgnnactt	cgccanctct	tnaacgcan	actagtagca	gaagtactcc	300
acccttnaan	aaaacanaca	actaangccc	ttttactgcc	ctcatcatcc	nnttangnac	360
ctgcttacct	atgaatgcct	nttanacata	canatntaat	acctggaaaa	tcacccaccc	420



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ngccncata ttcaaancan acaacacatc cnnacactag anactcttgc cccacatcc 480
tcaggtnena caaaacanaa aaggnttntc nncatantt cttactggcc ntncctgaac 540
tangnaccgc atncaaacca cntcatcnct tantannttc ncttgctect tagccagctt 600
ctgncctgan aaccnccaan ctggaaaaac acatctnccn anatccattn cttgngatca 660
caaanacnnt nnnccgcggn ctcaannncc tactcaaaga tccactgtcn catctgnccc 720
cctanacccc tttncntang cattcctaac tttntanaca aactgcttta cnccttagtnc 780
anggaactnc taccttgcat catcnccnt tttntcntna ctttcttctt ttgatcetta 840
cncctcaaag ggccttnga ancnttgacc cnanaatnaa atttaattcc cncctnttgg 900
aggngtccct cnaaacnna tttntaaaca ccccn 935

```

&lt;210&gt; 5083

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(752)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5083

```

ggnnttnaan ntcagctctt gttctttntg caggatccct cgattcgaat tcggcacgag 60
gcaagacagc cacatttgct atttccatcc tgcaacagtt ggagattgag ttcaaggaga 120
cccaagcact agtattggcc cccaccagag aactggctca acagatccaa aaggtaattc 180
tggcacttgg agactatatg ggagccactt gtcatgcctg cattgggtgga acaaatgttc 240
gaaatgaaat gcaaaaactg caggctgaag caccacatat tgttggtggt acaccggga 300
gagtgtttga tatgttaaag agaagatacc tttctccaaa atggatcaaa atgtttgttt 360
tggtgaagc agatgaaatg ttgagccgtg gttttaagga tcaaatctat gagattttcc 420
aaaaactaaa cacaagtatt caggttgtgt tgctttctgc cacaatgcca actgatgtgt 480
tggaagtgc caaaaaattc atgagagatc caattcgaat ttcttggtga aaaaggaaga 540
attgaccctt gaaaggaatc aaacagtttt atattaatgt tgagagagaa ggaatggaag 600
ttgggataca cttttgtgac ttgtacgaga cacttgacca ttacacaggc tggnatTTTT 660
ctcaatacna ngcncnaagg gtggacctgg cttgactgag aagatgcacg ccnngagact 720
ttacagggtc ttgcttntgg cttcgcgga at 752

```

&lt;210&gt; 5084

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5084

```

gngngnnnnn nnnnnnnnnn gnnngttttt taganacagc tcttggtctt 60
tttgaggat cccatcgatt cgcnctacnc aagngntnag ccnactnenc ntcaannnna 120
nactgggcan ggatnagact catannaaca ttgtgctgca ttgagcaccn cagattcagg 180
gagccatcac cactacatgg canattgtga tctataaatt gctggggcat natcacatgg 240
ntccattntc nnaatggnc aaggatgctt cacctatcga ncngggctat gttnagtatn 300
cctggtcatt ggctaaactc atagctnanc gtaancggan tataaccatt gacctatgct 360
ngtggacatt tgacaccatc agtgacttta tnngantgat cactgatgcc tcatgacacn 420
gacctttatc aaaggacatg atggccaggc cctcttgang cntaccgtgc tatccngaa 480
tggtgctnct nctntngggg aattttcaac ctgaggntnt gaaataatgg ncaaactcac 540
cancatggct tganggcnta cacactggnt gtnaaacaac taattgactg ngatacagaa 600

```

ggntncnntg ncnacttctg naggatagat cttnagaattt ttnagctgta ggctacntna	660
gaaatcggta caccctccat cganaggcca tgatgtcnat ngtacacaac tnaccatnnc	720
ttcatgta	728

&lt;210&gt; 5085

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(870)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5085

gagaagnrna nttnccggana gnnnnagtnn gccagttcca aaccnngaaa cgccttcgcn	60
aagnngggg gnnngnacnn gnaaggcgca nccggnnccac cnanccnggg ncccnaggac	120
caggncggca cccnncangc gncnantgga cccaaggag cttnanngcn gcnnacancn	180
annaccgggn ncacannngt agcaagaaga ggggancgnc aagcagnnga aagcagcngg	240
cgaacancaa nccgangnan nannanacag gaacacccga naaggaagcg gacctatanc	300
cnangcccac aaganaaaga caccangnnc catgcttacc anaggaggag aagcnaatn	360
gacanccnac ngcanngaac ctgnacacgc ggatggacac ccngcgcgng nngngaatag	420
acggacggac agncaactan gccc aaaang canngccaan ggngnnccg ccaacngggg	480
acagtgaaca agngcnattg nggnngngcn ggannacacc ancatcnnaa nggcannagn	540
aagcaccgnc nagnncngga kannanagcc ctgcnangng ancnccnaac cangaacana	600
nnanggnacn angaannnan caaccnnnnn ggggaanaaa acccanccac gangaacaan	660
ngnaccngg accgtnggcc cananaaaac gngncncnaa ggnacgant cncanancgn	720
gggcccnnna cnaagcncnc catcnanang ngnaagctc cngggcgagc anannggana	780
cnacaccac gnnngacac ggaaaaccac cgcagaaaac cnnacngnan cncanang	840
nggncancna ancaanagng ccncncccc	870

&lt;210&gt; 5086

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(870)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5086

gagaagnrna nttnccggana gnnnnagtnn gccagttcca aaccnngaaa cgccttcgcn	60
aagnngggg gnnngnacnn gnaaggcgca nccggnnccac cnanccnggg ncccnaggac	120
caggncggca cccnncangc gncnantgga cccaaggag cttnanngcn gcnnacancn	180
annaccgggn ncacannngt agcaagaaga ggggancgnc aagcagnnga aagcagcngg	240
cgaacancaa nccgangnan nannanacag gaacacccga naaggaagcg gacctatanc	300
cnangcccac aaganaaaga caccangnnc catgcttacc anaggaggag aagcnaatn	360
gacanccnac ngcanngaac ctgnacacgc ggatggacac ccngcgcgng nngngaatag	420
acggacggac agncaactan gccc aaaang canngccaan ggngnnccg ccaacngggg	480
acagtgaaca agngcnattg nggnngngcn ggannacacc ancatcnnaa nggcannagn	540
aagcaccgnc nagnncngga kannanagcc ctgcnangng ancnccnaac cangaacana	600
nnanggnacn angaannnan caaccnnnnn ggggaanaaa acccanccac gangaacaan	660
ngnaccngg accgtnggcc cananaaaac gngncncnaa ggnacgant cncanancgn	720
gggcccnnna cnaagcncnc catcnanang ngnaagctc cngggcgagc anannggana	780
cnacaccac gnnngacac ggaaaaccac cgcagaaaac cnnacngnan cncanang	840

nggncancna ancaanagng ccncnccccc

870

<210> 5087

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5087

agagnnntnn ntntttgaat cctaattggt ggctacttgt tctttntnca ggatcccatg	60
cgattcgaat tcggcacgca ggggcgnccc atcttggtggn tcantnncta tgcctnctcc	120
cntgaccacc cgacagacgt ggactacang gtcattgntca cngntanega attctacacc	180
angctgatng gctttgacaa nntccnctn tancagttgt ncaaateccac tatnnnngcn	240
aactcgaggg tcangccnaa cngtaacnat ggccagttag ggnacctacg caactgnact	300
ccganngttg tatggagaaa ctggttagacn tcaaagactg cctntccgct tngtggtnc	360
ngcnacagag gangangtcc tacgtgnntg agggtnccnc cnttgggggtt atnnnnancgn	420
antaggnnta ncncgtgacn ganctggagg cgcattgacan cacatgatgc ttnttgaggg	480
cctgaagatn atcntganen acangtggtc ngtgangccc tgtgantnca ttatcatgta	540
gatttaggtn gangaatgnc ctgggacana tgtttgtaca tagnggccac ctatganttn	600
acagantatc tcataactna tcagattgct tnacngtctg ggnancnaac tcactcattg	660
gnaanntctt gcatgctatn cccaatgggt ggatngcctt nancttaaan ataangntgn	720
tttttatcaa nngggcanan aaaccgtntt annngggtn	759

<210> 5088

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 5088

gaattgctct gtgtttttgc aggatccatc gattcggnag tgngnagagg cncacacnt	60
ntngataaa tgcactnnan nctncngcc ttgaanttcn nnaggggtca nnnctnctac	120
tcacnggnag gngngccnaa agananctgt gggtnctgnt ggatnaannn gtnattgacn	180
gccctgggnt ggntcaaaac ncnnccctag tcntcanget ncagggttag gnacnacng	240
aatntacntc tctntgnga ggnatcntac tattncgtna tggnnancnt aatgctccac	300
annaangtgc ngtnagactca cgctgctacg actctcgaga cnnttcntag aagatcattg	360
tctctntac cncnntngga actnaacta tgtattgana naaccttgag gatgctatgt	420
ggccacagat tccntattca atggaaaacg nccnctaca ttatgcangg gnnnctttct	480
gaatcggtg gcacntcntt catggggctc naatnngccg cttnaancnc aaatattggg	540
cgcttgacn gctttgacan tgtgtaannt ctngtntgc nangctatac ttggacccat	600
ttgccctgta tgngcccttn gcaatggnt cntttcnaag tataactacn ancttncaaa	660
tggncaaggt cctgatnnnt nccattttgc naacgtgctc atttnaanac tgactgnaan	720
cgtttttgac aaaanaat	738

<210> 5089

<211> 856

<212> DNA

<213> Homo sapiens

1761

<220>  
<221> misc\_feature  
<222> (1)...(856)  
<223> n = A,T,C or G

<400> 5089  
gngnagnnnn nnnnnnnngnn nngnnnnnnnn nnnngnnngtt tntnatanca ngctcttggtt 60  
ctttttgcag ggatcccatc gattcgaant canctcganc atggannncc tcnctcagc 120  
antcnnatgn gcnnccctngg cnagntcacn nttgctgctt nagnnnntnc tgcnnntncn 180  
aattntgnaa ngcctttnaat gtgnnannaa tcaggaaaat gctnctnca annctttagn 240  
nttnnaaccn tccatattct taacatntgn gacatnccat gggatgcnat taatattcaa 300  
ggnttttatn cggtaactnaa aaatanacac ttctaccngt caangttcng aaanancgat 360  
catnccgcntg aancatngna tgtnnatanc aacctntgaa nagntnctca tttncacctg 420  
aaatcatggc actnatagca acctttntan aaggctataa aaanggactt gaatgtncna 480  
attgcccaag aagagcgcta cccctcgga aggggaancc tgaatgttgc aaccactggg 540  
gataataant acccttattg tcaagaaaat ggcattgggg ggcacattca tntgaatttn 600  
ggacctggng actccttacc gaaattccca nccagggtcc acnaatggna atttgaagnc 660  
ccgtttgnct nttcngggac cagtggggaa aagcaattaa aaggccaaaa tccctccnaa 720  
acctttntca aggggttttna gnaaagtnc ccatgtgttt nnnaagggt ttaaggactt 780  
gcnnntggga aangggnaaa aacnntttta attgtaaggc ccaanggatt ccggaatacc 840  
gccngtacaa taaaaa 856

<210> 5090  
<211> 721  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(721)  
<223> n = A,T,C or G

<400> 5090  
ggnttttnnat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgaga 60  
gaaaatcagg gatgtattag gaaagtaaca gtctctcatc aagaagccct ggctcaggna 120  
tatgaatatac agtactgtgg agaggcccta tggatgccat gaatgtggaa aaacttttgg 180  
tcgacgcttt tccttgggtg tacaccagag gactcatact ggacagaaac catatgcatg 240  
taaggaatgt ggcaaaacct ttagccagat tncaaacctt gtgaaacacc aaatgatnca 300  
tactggaaag anaccccatg agtgtgacga ctgcattcag acnttcagtt ncctttcatg 360  
gnttantgaa cnccnanta cgcncactgn ggngaaneet tangnatgta ctgagtngg 420  
aaaggccctt anccgagcct acaacctcac tnggcntcag anaanncaca tntgagggaa 480  
acactatnta tgtanganat gnggnnnnc ntttannact ggctnagaac tcnntngccn 540  
cnaattaca catactgaag nnanacctn nngatncatn gnatgtgnga aaggcatnt 600  
gccgtttctt gcaccttact ccnangtcac anctncccta caactcaaaa cccntnttg 660  
aatggtgcng aatntagaga aagncttttc gnnngaattc cnttncctnt nnnaannatt 720  
c 721

<210> 5091  
<211> 760  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(760)  
<223> n = A,T,C or G

```

<400> 5091
gagnnttttnn ccncnngaaa gcccttctga aatngcttgg gnaggtegnn cttnncnca 60
ngcagcnana ngcgntggcg aattcngcac gcaggcaana ctttttcctg gggcaggggn 120
gtcagcnatt attnaattgg attattncta agttngctan ntgggncann tgtgnngagn 180
agggagnntn cctgccacnt nttctgntnc ccncttctg cccacacatg cagcatccaa 240
agtccattna ntnaatgaat ggacanagt ccgagcanac nggggcnaa ncangnncnc 300
agtcnacgca tccngnntcn taggnaaagt ggtgaccgnt cncggnggga cntgccnaan 360
ccctgnnaca cagncggna cnntnnangg acnngcann ctnngatgtg cctcaggaaa 420
aacagggcna gccttcnagn nccgnatacg agtnncnggc cttananncn anaacaangg 480
cnctnacttg cngcatgctt cactattctt tnaggcacat atatnttntc ttattagntc 540
ctencatccc atgagggacn cagtggctna tgcctgggaa ancngncctt nngnangtca 600
aagngggagg attgctcnac ctaggaaann aagaccacgc tgggcgnnat antgngaacc 660
cancggtacg acttgaagaa aaatatacta ancncngcct tactaacttt agngngcnca 720
attacgtaag anccanacgg atcagtttca aatnagggnn 760

```

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (766)

<223> n = A,T,C or G

```

<400> 5092
nnnnnnnnntt nnnnnnnnnn tnnttttnan nnnnnntttt naataattgc tattgttctt 60
tttgcaggat cccatcgatt cgaattcggc acgagcccag cccaccccca gcccacaaagg 120
aggctgttcg agagggacgt cctccggagc caaccccagc caaacggaag aggcgctcta 180
gcagttccag ttccagctcc tctcttctcat cttcctctc ctcctcctcc tctcttctt 240
cctcctcctc tctctcttct tcttcttctt cctcatcttc ctcctcctcg tctgttctct 300
ccccctcccc tgctaagcct ggccctcagg ccttgcccaa acctgcaagc cccaagaagc 360
caccccttgg cgagcggagg tcccgcagcc cccggaagcc aatagactcc ctcagggact 420
ctcggctcct cagctactcg cctgtggagc gtcgccgtec ctcgccccag cctcaccac 480
gggaccagca gagcagcagc agtgagcggg gtccccggag aggccagcgt ggggacagcc 540
gttccccagc cacaagcgca ggagggagac acctagccct cggccatgag acaccgntcc 600
tccaggtctt cataaattgt ctttggggga ttccaccaca cccaatgctc tggagccaca 660
aggagtgtnc cttnttccca cagaccgtgg ganggtcctt gctgcttctt ttgaacttgg 720
cagccttgga tgganggtc ctttncctcc cttttttttt ttttgt 760

```

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (851)

<223> n = A,T,C or G

```

<400> 5093
gagaagannn nnnnnnagaa agnnnnnnnn naggnaggtt ctaaattctt ggctatcgan 60
ctctnagcag gagcccatcg attcgaattc ggcacgaggc gggcgctagg cgcgcgacc 120
cagcactngg tcccagncga nanatctggg gcagcgcgcg gtggaagctg cgngcngann 180
ggancanttc tggctcacga ccttgacgct agcgcgnta tcangnggaa accncgnnnc 240
cacnnaaca aaaagntggc tggatgtggg gncncncata cctggaatcc cagcnnctnt 300

```

```

agcggcnnaa gcatcagaat cacntgaacc canaacacag gncgcncctga nccaagattg 360
tgccccctgca ttctagcctg ggtgacagtg anacnggctc aaaaagataa aggtgtacag 420
ggantgtata ttacagacaac ntgggtatgga agatgtgcta cnnctantgn nccangctga 480
tactaagtna acactcnnnta cnatanagan ggagatntgg gacncatagg actgnggnca 540
tnttaattan ttcangantg ttttccacna gcnnttaact ggatttcaca ttanagaaac 600
ntttncagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt 660
antgccccga atnggggaaaa ttncnacang ncccttttnc anggtatgna canagnactt 720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt 780
gtncnaccac aaagnttttn aagnccatt nnnnttngtn aatnnnnngg nnaaacccnn 840
nnacaaattc n 851

```

&lt;210&gt; 5094

&lt;211&gt; 731

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(731)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5094

```

ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccgagattg gattgccaca 60
cggctcacat tgcattgcaag tttgctgagc tgaaggaaaa gattgatcgc cgttctggta 120
aaaggctgga agatggccct aaattcttga agtctgggtga tgcctgccatt gttgatattg 180
ttcctggcaa gcccatgtgt gttgagagct tctcagacta tccacctttg ggtcgctttg 240
ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg 300
ctgctgggagc tggcaagggt accaagtctg cccagaaagc tcagaaggct aatgaatat 360
tateccctaat acctgccacc ccactcttaa tcagtgggtg aagaacgggtc tcagaactgt 420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcata 480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttgggttt cttttttgctg 540
tgtggcagtt ttaaagttat tagtttttaa aatcagtcct tttaatggaa acaacttgac 600
caaaaatttg tcacagaatt ttgagaccca ttaaaaaagt taaatgagaa aaaaaannnn 660
nnnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctt anatcccacn 720
tgataaganc t 731

```

&lt;210&gt; 5095

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(755)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5095

```

gnntttnnnn nnnnnnttt taagnaattt gcnactcggt ctttttgcag ggatcccatc 60
gattcgaatt cggcaccgagg attacatagt gacatatatt agcttttctg ccacatttga 120
taacattgct aatattttct ttttttttta ctgaactctt tgaattttaa gttttctctc 180
atttaaattt attaatataa aacatacctt tactctgttc ctttttagcat ttcaacctga 240
tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta 300
tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgccctgggt 360
ttatattcct gatgatacaa accctggaat ttcttgctct aagtgtnaac actttatttc 420
caggtccctaa tttgatttga atagtggag ttccagattca atgcattaat gacagattct 480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggt 540

```

```

tttttgacta tctcttttgt ataatgagac tctttttctca ttagatgagt aaaaagatcc 600
agagatgata accagtatcc cccagaattc atatataatt aattgaaaag aaacaaatnc 660
tgggattctt tncataaaan ggtggattac atttcttgnc tgnntgnaca tctttgnnta 720
acngaaagaa aaataaaaat attnattttc ccccc 755

```

&lt;210&gt; 5096

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (777)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5096

```

gnnnnnnnnnc tttnaaatcg cttggccttt tgcaggatcc ctcgattcga attcggcacg 60
agagcgggnt tntnntggn tgccnctcat ttgtngnann nantngactt natatntnng 120
atgatnnann nangtangnt atgaggnatn cacatnnnat tnangntgna nnatattcna 180
aggnannann tncncagacn ntggntgggn acntntcana tngtttagac tnngncaaag 240
gnnangtnac aacggatnng accncaccta nactgagann acctggancc tcagnatcna 300
tcnggnaatc gctcacnnag tataacttnca ncagnanntn taaccttaga tactcgatct 360
taaacttggn tatccantnt aaaaacngtc ntttcngacg gntgtntnnc atcaancagn 420
nnatctnnaa atctgnnan agganccgnt ttaaactcat nnctggaatc ctcagatnna 480
ggacccatnc angnaggnt gancntgnt gccctgtgac cagcnanttc canntgngtn 540
aactctcaca atngttnna agaacncaa aggctggccc ntgntentat gactgattct 600
ccctncttat ctngggngnc ncnattnaat ctttggaaac cnaannttcn ntaatggtn 660
ccactgggt nggaaccaat tngaactgca ccttcengtn cctttantng nggcaaacca 720
aancatnct tancattcca ttgaccctn nttttttacn ttaanacnan ccttgac 777

```

&lt;210&gt; 5097

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5097

```

aggntnnnt ttgnnnctaa tggetggcta cttgttcttt ttgcaggacc catcgattcg 60
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ctgntatcnn agcctggnnc tgaagggtgca ngctcacgcy nccgaggtcc nttagagacc 180
agnctgcttc natancagtc cggtcnctca nanctcccac tggtnacnn ncatgtagn 240
actgntgcag ctgactgcn nancnntn tgtggncaca ntaagattcg ccngccttg 300
cntgannann tactnntnat atcnatgant gctgntgan nagaactngc nnntcnatgn 360
ggactgtctt cagnacccta tatggcctcc ntggntctgt tnccgngac natttngcga 420
cngtnaatgt gccncattgt gctctnatgc cattcnatac tagattccac agaaggagac 480
cntgcatnt gcttaaatan tgcgtntgaa nagctnntac cgaatcnna nagttcataa 540
aacgcctcct naggcagant ctgtnatcnt cngtagcatc cnaatanga tgcgatgct 600
aacntacaac tgatgncctg ngantaatca anntcttnat ttantatcaa tgaaatgctg 660
ctcctggaac ttaacctgga atggtgcagc tncaagcttn gtcgncgctt cncancttg 720
tncccgattt ccnggccact tannccnttt gaaanttccc t 761

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&lt;210&gt; 5098

<211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 5098

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ctgntatcnn	agccntgnnc	tgaagggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	natancactc	cggtcnctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnncntn	tgtggncaca	ntaagattcg	ccgngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaaatat	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atgggtgcagc	tncaagcttn	gtcgncgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5099  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

<400> 5099

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ctgcagatga	ttacaataga	attggttctt	cattatatgc	tttaggaact	caggattcta	180
cagatatatg	caagtttttt	ctcaaagttt	cagaactgtt	cgataaaaaca	agaaaaatag	240
aagcacgagt	gtctgctgat	gaagacctca	aactttctga	tcttttaaaa	tattacttaa	300
gagaatctca	agctgctaag	gatctcctgt	atcgaaggtc	tanggtcact	agtggattat	360
gaaaatgcta	ataagcactg	gataaagcan	gagcanaaaa	tcaagatggt	ctacaggccg	420
aacttcccaa	caattatggt	gtcagaaatt	tgaaaaaata	tctgagtctg	caaaacaaga	480
acttatagat	tttaagacaa	gaagagtgtc	tgcattcaga	aaaaattagt	ggaactggca	540
gagttagaac	tgaagcatgc	aaagggtaat	ctacagtgtc	tgcagaactg	cctggcagtg	600
ttaaatggag	acacattaag	ccacacttcc	gnccttctgg	ttaaaaangg	ctggcctttc	660
cttcaaattt	tatttttggg	tttcttaa	ggatgggtta	gccttttatg	cctcactggg	720
aaaccaaacc	aaaaagccac	ttggaaaaag	gtgcctnaa	cttctctttt	tttctggaag	780
a						781

<210> 5100  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(797)  
 <223> n = A,T,C or G

<400> 5100  
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 cttacctggc agtggctttg ctgcacggtc tgaaaccacc tttcccacc ctcttgaccg 180  
 aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggagggagta 240  
 tttcaggggt cacttcaggg gctcccaaag cgacaagatc gttagggaga gaggcccagg 300  
 gtggggactg ggaatttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360  
 tgcaagctgc gaggatggct tgggccgaag gggtgctctg cccgccgcgc tagctgtgag 420  
 ctgagcaaaag ccttgggctc acagcacccc aaaagcctgt ggcttcagtc ctgctctgctc 480  
 accacacatt caaaaggatc gttttgtttt gtttttaaaag aaaggtgaga ttggcttggt 540  
 tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgcctcat ttcgttttgg 600  
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660  
 anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc 720  
 ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca 780  
 tttgntnaag nnttgct 797

<210> 5101  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 5101  
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 ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180  
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240  
 agctactttc atccttagga atgttatcga aggacaaggt gtcgagattt gctttgaact 300  
 ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag 360  
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420  
 agtagtacia gagcctaacc aaaaagttcc tgttaatgag ctgaaagtaa aaatgaagcc 480  
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540  
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaatcagc catggcttga 600  
 atttgatatg atgaggaat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660  
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720  
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 5102

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tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggctgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat cagggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acattttggt acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggaggtt      420
tgtgttgtag cgcttggtct tcttggcagc atttggtgtg tatttggaag cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcgagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncaccttea      660
tcaatgagct ggattccngg tttcgcttc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgacnga ttgaaattga cn                                     742

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<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 5103

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ccaccattgc cctcctcag ctgtgcaagg agaaagcatg cttaggaagt tttcaggctc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtcc      240
catgttgga gttgctctga aggggtggta gatgctggaa gccagacaca accctgcgta      300
cgctgctcag ttggtggaga ctggggctgg gactggagtg agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangcccnan nnatcntntg cntntccctc nctcncctct      420
tnntttatct antccttnnc cctctnnct ttnnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctcnca tnntccttct cctctannta nnntcacnct cnactctct      540
tntacttnen atcacnntca cctctctct tctannctc atcncactcn tntnnnccna      600
tccnctcncc ccttnaccnn ntnacttana cctcccnatc tctnnatntt canctntnta      660
tctacactct ctntcctct catctacann tnnatctcnc nnccatnana cactcctntc      720
tctcacnctc ncncaanttc actcttactn ntactnnntn nctnanacta cncacacttn      780
tctattnctc tntctnnact tntctatnct ctctcctnct cttatcntcc tctcnennca      840
ttntactctc tcatctccac tntcnanct noctctctt cntctntanc ctctcncnt      900
ancattcttc tttcattnnn acnccntcat cnnttanccn ctatctnttc tntntccnc      960
tctnnccncc cncactctcn ccatcnccnn ncnctntcna canntctct cctccentac      1020
ctccacnnnc tctccnccct ctcatatact cttctcanat atctcttnnn atnctcacc      1080
tncacnana cntcaatnct ncttacctta nncntnnan ccatnctnac cctctctact      1140
cttnnacnta ttctcncatt ctnccttcac ttatctntat tntctctntn tcnccntant      1200
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<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1701)

<223> n = A,T,C or G

<400> 5104

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ggggctnann	tnatgggtct	cccntnnnnn	actcnatgnt	ctntcctaan	atntcnnttg	180
ntnctccttt	cgngcgttta	tctnntgtca	ntntcntnnt	cncctcttnn	ctcatccant	240
ntnttacatc	tcctctgncg	angcnctcan	nnannncnecg	cnnccnnnaca	tatacctntc	300
tttcnncctc	atnnacntat	acnnntctcn	ctcnccatan	acctctttnn	anctactcnt	360
nttatccnct	ctcctactct	ctccgtcnen	ngttcncann	tatcatatac	ccnccgtgta	420
tcgtccctct	tcanncttct	gcnaacctct	ctnacctntc	tcctnccent	ngcctanttc	480
atcatnctat	cccntctnnc	atcccacna	cantctctacc	actcccanca	cccccttctt	540
antctcctc	ctntcnaatc	tnnnnnnttn	atatctnnt	cncntctecn	cctatctctt	600
ttctcctntc	ncntnccac	cnccecnctn	atntcnctt	cnnccntnnt	cngtntccna	660
cccccttnat	ccctacacac	ctctnnccnn	acntctcggn	tttctctnt	cntctntaac	720
atccactnca	nctatctttn	atctannctc	tanctcance	ncctnnccat	actatccata	780
nccanantnn	ttcaanntct	ccnaccnctc	ctcnncactc	tnntatctct	ctnngnnctc	840
tnncntctc	tnctactcta	na <sup>+</sup> ctctata	ctntttctta	ctacctntcc	nctctatnac	900
tnnnctactc	acnnntnctn	atctctctct	cctctntnac	tcnctcactc	cttatanatc	960
ttcnatncta	tcacactann	ctncnccnt	cntactnata	tcttnntntt	ntctctcaca	1020
ctntacatca	ctnccgctc	atcnntctcc	tcantacnnc	cnnccctctt	ctacatatat	1080
atccntctc	tctcctctn	cntctctntc	tcctctntct	ntcatnanac	ancactnaet	1140
ctncatctnt	ctctctatnn	ntntccntca	ctcacattct	ntncacnnc	antnccnct	1200
cnccgatct	ctanntctcn	acntctctct	actnctntnt	ctcncatccc	actctatnat	1260
acntcncc	tatttncnt	actctctcta	catacnctc	tctncttctc	cactctctct	1320
ctctctctcn	aanttncc	tctnctnttn	ntcatntctc	cncctcaacct	ntatcnctcn	1380
anactnncta	nnctagtctc	tctntannca	tctctntatc	cnnntcnat	ntcacacanc	1440
nnataactnt	ctncatcact	cctcactctc	tnatntctct	ctctctntta	tactctctct	1500
acntntcnnt	ntcatccana	cacattnttc	atnctatatn	ntccnccnnc	tctcctctct	1560
cttntcatac	atctacnac	ctatcctntc	cactctctcn	tctcatnctc	ncncatctnt	1620
ctacnnatcn	ctctctntta	ncnatnctnn	ctctnccat	atctcactct	cactcatctn	1680
tctnctcnc	ncntctccc	t				1701

<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

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tnccagaaac	ccttcaagaa	aaagcgaagg	nntttctcag	agctgaagat	caagcgctg	180
agaaanaagt	ttgccccaaa	gatgcttcta	naggctagga	ggaagcttat	ctatgaaaaa	240
gcanancnct	atcacaaggc	atatnggcng	atntacagaa	ctgnaattcg	aatggcgagg	300
atggcaanaa	aagctggcag	ctcntatgna	cctgcanaac	cnaanttggc	gtttgtcatc	360
agaatcagag	gtatcaatgc	gagtgagccc	aaaggttcga	anggtgttgc	agcttcttgc	420
ccttngtnaa	atcttcaatg	gaacctttgn	nnngctcaac	atggcttnta	ttaacatgct	480
gangattgta	gagccatata	ttgcatnggg	gtaccccaat	ctgaantcag	tnctgaact	540
aatctcaaac	gtggnnatgg	caaattcaat	annaagccga	attgctttnn	cagataacgc	600
tttgatngct	cnatctcttg	gtcaatacgg	catcatntgc	atggangatn	tggttcatga	660
aaactatact	ggtgnnaaac	gcttcaaaga	ngccaattac	ttcctgtggg	ccctcaaatt	720
gnntnttcca	cnantgggaa	tgaagaaaa	gacccc			756

<210> 5106  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

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 catggaanga tagctncact ncttnccgac cttggtcaca ggccgncatg agganggact 180  
 gttccantgc tncngnggcc nctgnctn tntcatcac tggnttagc tttggagtac 240  
 ncaactccaa gtggcccgag tctagactct atcaaatacc aactgatag caacaatgan 300  
 tgcactctgat gtgtgctgct ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360  
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420  
 ctaacgaact tctactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480  
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540  
 ntggactact aaacctggat tactgatnaa atttcaaan gancttgatt ttgctagcag 600  
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660  
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720  
 tagaactata tgagtcggnt tacgtann 748

<210> 5107  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 5107  
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 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180  
 caactgcttg gagctccaca ctcccttttc gcgactcagg ctctgggtgt gttgccaaat 240  
 ccttgcttgg caaagactgt tggatcatgt ggggtcctta tttacaaggg aaagctgggc 300  
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360  
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaatataa agtantgtta 420  
 gaaacctgaa agtacagaat ctcaacctta cnagtcttcc ccttagtctt gtggccttcc 480  
 taagccagct gttaacctgt ttgattcctt ccacttcccc caaagtaagg caggcaacag 540  
 atatgttgat tgtcttagaa agtaatctgg ttctctgtaa ctccattgaa ttccagtttg 600  
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 gtctgncccc cant 674

<210> 5108  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(589)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5108

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caagtgtggc	aaaggaactc	attgctctcg	aaatgcata	atgttggttt	..agactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	ttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaat	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

&lt;210&gt; 5109

&lt;211&gt; 660

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(660)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5109

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tccaatagct	cccagtgkca	ygrgkaccca	gtacgcatta	gctgggtgtg	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgtagga	180
gttatcctct	ttgectggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctcgggtg	360
ggtagagcca	gagctgctga	ctggctctct	tgccctccaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	caccctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgcahta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

&lt;210&gt; 5110

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5110

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cctactgact	cataakkcac	gwkgtcccaa	aagccacccc	acaagcctga	gccaacctgc	120
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<210> 5111  
 <211> 937  
 <212> DNA  
 <213> Homo sapiens

<400> 5111

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 <211> 653  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(653)  
 <223> n = A,T,C or G

<400> 5112

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cacagagttc	tcaaggaggg	gaaggctatc	tgtcagctcc	tggcgggact	gctgccccat	300
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<210> 5113  
 <211> 559  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(559)  
 <223> n = A,T,C or G

&lt;400&gt; 5113

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tcaggaggat	cccaactcgg	atccacagca	gcccaccttc	tccctganag	cccacttgca	360
tcaggcccat	tcccaggatg	tcaactgtgt	ggcctggaac	cccaaggagc	cagggctact	420
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&lt;210&gt; 5114

&lt;211&gt; 554

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(554)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5114

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cccatTTTTnt	tttt					554

&lt;210&gt; 5115

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5115

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&lt;210&gt; 5116

&lt;211&gt; 957

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(957)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5116

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aaactgtgtt	cattacactg	ctgatacaac	tacagatggg	acagtaaagt	ttcagcattc	480
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actatacttt	aatgggagaa	atcatggaaa	gaaattctca	acagaataac	tgaaaactgc	600
cttttctgta	ccgattgctt	tttgtgtgtg	tgggtataata	aaatctttat	tcaattttac	660
agaagcattg	atggcagtc	gaaatgtctc	tagctcatat	aacttaatat	taataactaa	720
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&lt;210&gt; 5117

&lt;211&gt; 534

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(534)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5117

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&lt;210&gt; 5118

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5118

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tgarggacay	gcattggggca	catggttaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggttttagga	ccccaccac	catgcctgta	ccagggctgg	cctccagagc	gggtgaggac	240
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&lt;210&gt; 5119

&lt;211&gt; 598



&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5119

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&lt;210&gt; 5120

&lt;211&gt; 1416

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1416)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5120

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&lt;210&gt; 5121

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5121

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&lt;210&gt; 5122

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5122

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&lt;210&gt; 5123

&lt;211&gt; 634

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5123

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&lt;210&gt; 5124

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5124

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<210> 5125  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<400> 5125

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<210> 5126  
 <211> 1203  
 <212> DNA  
 <213> Homo sapiens

<400> 5126

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caccatctcc	caaccccgagg	gactcgggca	aggggtgccga	agatagacaa	gaggcacaca	360
gagacagacc	aactggcagc	caggcagccc	cagaggagag	agacattcag	acagaggaaa	420
gtctccctgc	ccctcattcc	ttccaagatg	agaaaaactt	gccgccaccc	cccgcactg	480
atgccaggga	ggtgggagga	agaagtggga	aatttccctt	cccagtaccc	ccaagaacgt	540
ctgagccttc	aatgttgaat	tttttcttta	ttaaaattac	ttttatctta	taaaatcaac	600
taatcaaaaa	tgatatagac	gacagcactg	gctctgtgaa	ggtggcatct	ttctgggag	660
gcaggccatg	gggcatggag	gaggggtgcaa	agatatgggt	tgctgtcttc	tggcctccag	720
ctgcatggag	gccggcccag	ggtctaggg	gtgcactggg	caagggcagg	gcggcagggtg	780
tcaggccggc	ttggacaatg	aaacctgac	cttgctgc	tccttttgc	tccaccacca	840
ctagcttctt	tgggaatcttg	gggtgggggt	catctttggg	gattatggct	gccacccggg	900
atgtgagtgt	agggagtgtg	ggagcagcct	tggcagatk	gcacccgtgc	cctgcagggtg	960
ttgacaagat	ccgccatctg	taatgtcctt	ggcacaataa	aaccaaagt	cagtttccct	1020
gagccccgac	tctgttctgt	gtggggcagg	ggttgggccc	gcctctggg	agaggatgca	1080
atggcacgga	ccttggtctg	acctcagagg	tgtgaatgct	ctccagcagg	gtctgtctgg	1140
gggcctggag	tttgtatttg	atgtgctgct	tattaaacct	ccttctggac	ctattgccac	1200
tgg						1203

<210> 5127  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<400> 5127

aattactgga	acccgggagg	cggaggctgc	acagtgagcc	aagattgcac	cactgcactc	60
caggctgggc	aacagagtgt	gactccgtct	caaaaaaaca	aaaacaaaaa	saacttcksc	120

```

ctmckmsrca gactcctccc ctggtcacca ctagtgatcc accttatgga tctcccaagg 180
ccacctctgc ctctgctctg tgttgtatta tttgggggac ctgtgggtctg gcatgcattg 240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt 300
gcactatgtc acccacttac ttgtatgtag aagtgagtca ccggctggca aatgggcata 360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgatata ggatctcatt 420
ggcttctcac agcaatcctg tgcactatag gtattgctcc cgggaacaga tgaggaaaca 480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaagggt ttcagacata 540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcagggggt 600
ggcaagcttg tgccctgggg ccaaatacgc ctactgectg tttttgtaaa taaagtttta 660
ttggaacac 669

```

&lt;210&gt; 5128

&lt;211&gt; 476

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (476)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5128

```

ggtgccatgg agttcaccat ctgcaagtca gatatcgtca caagagatga gttcctcaga 60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
atcgcccctg ccaacattga agctgtggcc gccagaaca agcactgcct gctggagggt 180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcata 240
cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag 300
gaggagtccc tgcgcggtgt cgggctgaag gagaaggagc tggaggccct gccgtgcctg 360
tacgcsacgg tggaacctga catgtggggc agcgtagagg agctgctccg cgttntataa 420
ggacaagatc ggtgagnagc agcgcaagac catctnggta gacgaggacc agcttt 476

```

&lt;210&gt; 5129

&lt;211&gt; 340

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (340)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5129

```

aatcccacaa agcctagcac caaacttctt tttttcttcc ttttaattaga tcataaataa 60
atgatcctgg ggaaaaagca tctgtcaaata aggaacatc acaaaactga gcaactcttct 120
rtrcamwarc ymkagactrk tswcwmwcag atggttgctc agggacaagg tgccctccaa 180
tggaatgcg aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt 240
aattatgctg ttatgtaaat gattgggttg taacattcct taagtgaat ttgtgtagaa 300
cttaatatac aggattatng aaanaatatt ttgtgggata 340

```

&lt;210&gt; 5130

&lt;211&gt; 610

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5130

```

gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata 60

```

tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gaccctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagywc	cagggcctrs	300
ytcttgagg	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaaag	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcctctggta	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgactc	atgcctgtac	tctcagcgct	540
ttgggaggcc	aaggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctgggtcaac	600
atagcaagac						610

&lt;210&gt; 5131

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

&lt;210&gt; 5132

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5132

gcctcctctg	atggcactgt	aaagatctgg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaatccc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaacc	ctgagcactt	tgtggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcaggggg	agattgtcag	aagcttcagt	tctgggtaaaa	gagaaggtgg	ggactttggt	240
tgctgtgccc	tctctccccg	tgggtgaatgg	atctactgtg	tagggggagga	ctttgtgctc	300

&lt;210&gt; 5133

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5133

gctgccacca	cccccgggcc	cagcctgtct	gaaagtccag	ggtttaggcc	gagaaacccg	60
gtggggaggg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcacttta	120
gtttggggcg	ggacgggagc	cgccgttggt	actggcggtg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggtct	gctgggccc	cagagcccag	tgggtggctc	tgactcggct	240
ccctactccc	tgcacccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
ccctcagttt	taacctgagc	tgccgaacgc	acagtggggc	gggggagagg	ctgggggaag	360
cggggcccaa	ttacggatcc	cgggagttac	aggtgcccag	gtgatgtcgc	ttctctggtg	420
cccagctccc	ttctggtct	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtccc	accctgccc	tgctgctgct	ctgtgcctgc	tgtcagagcc	ctggtggggg	540
aggatgtggc	caccctgaga	cccggaggag	acgggcgtct	gcctgggttt	gcggagagcc	600
gcttatgggt	gtggtccgtc	cagacacctt	gtttcaaggg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgctg	agcaagaact	ttttcttggt	tttaaacat	cacgtcctca	720
tttcacattg	gaataaagtg	agtttttgaa	acctgcg			757

&lt;210&gt; 5134

<211> 1316  
<212> DNA  
<213> Homo sapiens

<400> 5134  
gtggcaactt gatgaaacag ccaaatgcac cagggcaggt cactttccca ttacactgat 60  
tccacaatta aaaaaaaaaa aagaaaaaaaaa actcattgar atagctacag ttctataggt 120  
taattttaaag cctccttttt ctactcattt ttgaaascaaa aattacattt tactattttta 180  
cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240  
ttgaggggtgg gtttttaacc agtgattttt aacgtgcagt gaatttgta gactttttaa 300  
caccagctaa ggtagtcaaa cttgatcccc attaaaaatc aagggaattag gggtcggggg 360  
agggttttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420  
cagagttttc attggaatgg taagagtttt atgaaagaca gtttttaaac ttattctgag 480  
ttaaatatta atacttttaa aaattattgt actagactta tcgcagcctt ttgaaagtag 540  
cagagtttca tcataccaca tatataacag agcataaatt ttctataatc aggcaccttt 600  
tgctgctttt gagtaagact gttttcctgt ttaagtgtta agcatcgcca gacataaaaa 660  
tctattctct cctctcgatt gtagcatagc ctgacagctc tagatacagc atttctatga 720  
tgaaaaatga gtatccatca ggaaatctag aagactagcc gtgttttctc agactccacc 780  
tttgtttgca ctctgttgcc tgtgaggagc tttctggcat gtgattattt acttcaaaac 840  
tagagttcca agcacctaca ttaattattt tatattgtgt gcagaatagt atatctttta 900  
atgtcagata tgatacactg cacatattgc ttttgcactc ttaaaatttt tgtactaaat 960  
aatagaaaat atttatattc tttgagtgtg agctttgaat agatggcatt atcactttat 1020  
tgtttttttt ttaacaaaaa ctttttctca attattctat tgcaatgtta ttctgagcaa 1080  
gtcctatgcc aaatatcttg tataatgttt gtatggaaga ttaaatttta ctcttggtgtg 1140  
gtaagactat ttcagttact gattttatag ttggaatttg atattccagc acaaagtcca 1200  
cagtgtattc agaaatccaa gttggtgtca tacatttcat tttgatgtga acttttcttt 1260  
gctttccttt gttctaagac tccattttgc aataaacgtt ttgacagtaa aaaaaa 1316

<210> 5135  
<211> 377  
<212> DNA  
<213> Homo sapiens

<400> 5135  
aacgcttcaa ttgttttgta gaaattttta taggaacttc aagaagtaaa cctttataac 60  
attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tmctgtcata tccttttagc 120  
aaaatgakat tgcctaggtt cttgttgcaa aataccacat aatgaaatcc ttctgttgcc 180  
atgattaact ggggtgagaat atcatctttc cttttgggtc gtagaaatgt attattcact 240  
actccattct tgagggtttgt tttttaattt ttttggagac agtctcactc tgttgcccag 300  
tctggagtgc agtgggtgcg tctcagacgt ctactgcaa cctctgtctc ccagggtcaa 360  
gtgattctcg tgectca 377

<210> 5136  
<211> 550  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(550)  
<223> n = A,T,C or G

<400> 5136  
gaagacacca gtgggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat 60  
actcagtagc taccagatt gtaatgggtg gcgttactgg ctgggtgtgca ggatttctgt 120  
tccagaaagt tggaaaactt gcagcaactg magtaggtgg tggctttctt cttcttcaga 180

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ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata 240
aagcaaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa 300
ttgaagaagc aatagaattt atcaagcaga acattgtgat atccagtgga tttgtgggag 360
gctttttgct cggacctgca tcttaaggnc atgaatattc tcccataacg gattcaacta 420
tgagaagaga agtggcagca ataaggcagt ctctcaaaaag tcatactgcc agagtctcta 480
gggcaaggng aaacanctag ctgggcaata ctcaattcac aacttagcat tttgccatct 540
tgaagcttgg                                     550

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<210> 5137
<211> 447
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

```

```

<400> 5137
cgccagagca gcagtgggga acatcttctt gtctgctgga cacctgattg ggccgggtct 60
ctgccattcc ttctgcaatt acatgggttt cccagctgtt tgcgcggcct tggagcacc 120
acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct 180
ccagccccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240
ggcaggggac tcagaggctc ccctgtgctc ctgacctatg ytcctgggat acgctatgaa 300
ctntgaccng ctccccancc ctccccacca aggggttact gcaggggaag ggctagggtg 360
gggtccccga gatcttaggg aattttttta gggggatttt aagccagagn tagtttgcgt 420
tcccagggac caaggagaaa gaagcat                                     447

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```

<210> 5138
<211> 555
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

```

```

<400> 5138
cgacagctct ccaataactca ggttaatgct gaaaaatcat ccaagacagt tattgcaaga 60
gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120
gtagctacag gacattttta agggcccagg atcgtttttt cccaggtgca agcagaagag 180
aaaatgttgt atatgtcttt taccggcac attccccctg cctaaataca agggctggag 240
tctgcacggg acctattaga gtattttcca caatgatgat gatttcagca gggatgacgt 300
catcatcaca ttcagggcta ttttttcccc cacaaaccca agggcagggg ccactcttag 360
ctaaatccct ccccgtagct gcaatagaac cctctgggga gctcaggaaa gggggtgtgc 420
tgagttctat aatataagct gccatatatt ttgtagacaa gtatggctcc tcccatatct 480
ccctcttccc taggagagga gtgtgaaagc aagggaagct ngataagaca cccctcaaa 540
cccatccct ctcca                                     555

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<210> 5139
<211> 576
<212> DNA
<213> Homo sapiens

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```

<400> 5139

```

gctacgtggg	aggctgaggc	rgragaatct	ctksmrcek	rgaggmrgag	gttgcagtg	60
gccaaagattg	tgccagcctg	ggcgacagg	tgaggctctt	gtctcaaaaa	aaaaagtcca	120
catcttcatg	aaccctcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk	180
ssrwtttrsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	cccccgagaa	tggtttgggt	taccagctat	ggacccttgg	aagatgaatc	300
taatccttct	cactgggtttt	tctttgcaaa	ttcatttgct	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggcccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaaatgta	tttcttttagg	tttcaaacac	tgtaatatag	540
ataaagcaaa	aataaaaaacc	tggtgcaaa	gttaaaa			576

&lt;210&gt; 5140

&lt;211&gt; 631

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5140

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaggga	gaagctgatg	300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggctcctg	actatagacc	caccatattg	tccagaaaat	480
tgcagcagct	ctaattgagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aattgagaggc	caggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aaatgtttta	aawrtaaaaa	t			631

&lt;210&gt; 5141

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gccccatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

&lt;210&gt; 5142

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggaccctgtac	atkgacacca	60
ccctgaaggc	ttgccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatatktgw	300
rtaykatcty	wccagtgcag	ctgtacaaag	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaaac	ccagagctgc	attcaccttc	tcagtgaggc	tcatctgtta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactggt	acagcaggct	tgactcccag	cattctcatc	540



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tcaccttgcc atactataag atgtctggtt tgtctatggc tgaagttctg gcccgcacgg      600
actggacagt agaggatgga ttacagaaat acgagagagg attaaatctt ttacattaaa      660
tccattccac tttatggaaa acctgggatg taaggaatt                               699

```

&lt;210&gt; 5143

&lt;211&gt; 423

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(423)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5143

```

caggtagtgg cccctgtaag cagggccaga gtcggggacaa agagcaggag tgaagcagcc      60
aagagacaga ggaccaggct ggagccagtg ggcacgcagg agcctgcctg ggaagaagcc      120
ggggggcgaag gctggcatgg gaatgaacac ctgctgggtga cacctctctg agcttcagtt      180
cccttaacta gaaaaataga acaggcccgg tgcgggtggct catacctgta atcccagcac      240
tttagrkatg rytgmrrrr ktrswtcwts agrtcaggms wtccwwracc aymwrrccg      300
acattgggggt attagcaatg ttttgttact tgggcatttt caagaggcag acatagtcca      360
gaagcagaag nttgggcagg tcccagatct tgttctatag ccctttatcc tgaagctcgt      420
gcc

```

&lt;210&gt; 5144

&lt;211&gt; 366

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(366)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5144

```

gtcccttctt actctagtat ctctgccttt ggtcagtcag agagcatttg atgagtacca      60
tgctgggctg gaccccatcc tggtgcctt ggaagataga gacaggtcac cttgatccct      120
gcctgtagca tttgggctgg ctgagatggt ggargtgtga acagaatatt ccagtcaggt      180
gtcctctgtg gtagggatgg ggatggaccc sggagaggcc ctctgttcc tggcaggagg      240
tggaactcag agttaaaagt gaggtcaagr cccagtgcga tggctcacam ctgcagtcct      300
agcacttcgc gganttnagg tggatcacca gaaccngta gttcaagacc agccttggan      360
aanat

```

&lt;210&gt; 5145

&lt;211&gt; 952

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5145

```

ggttctacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg      60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac      120
aatgaggtaa accagacctt ctacgttctg gatgtgatgt gctggcgggg acaccctttt      180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa      240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt      300
tgcactcccc aaagcctgtg tgatgtgcta tctatggatt tcccttttga ggtagatgga      360
cttctcttct accacaaaca gaccactac agccccggaa gcactccctt ggtgggctgg      420

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ctgcgcccta	catggtgtca	gatgtccttg	gtgtagctgt	gccggctggc	cgctgaccac	480
caagccagac	tatgctgggc	accactccag	cagattatgg	agcacaagaa	gagccagaag	540
gaaggcatga	aggagaaact	cacacacaag	gcctctgaga	atgggcacta	tgaattggag	600
cacctgtcta	ctcccaagtt	gaagggttct	tcccatagcc	cagaccaccc	tggatgcctc	660
atggagaatt	aaagagagaa	gmctccttaa	ggagccacag	gatggtacct	ggcccaaaaa	720
ggaatcctgg	agaggaggac	agtgacaaca	ggtgacttya	ttcttttagag	tgaactttcc	780
aaacccagtc	cagctggaaa	cagcttatct	ataatctgaa	atgctggctc	aaacagttat	840
ggggagggttc	ccagattgcg	tagcattcag	attgatttga	gcagctccta	ctgtgataag	900
tgtatcccg	atccacaatg	taaatatatg	tgatttgtaa	gaaaaaaaaa	aa	952

&lt;210&gt; 5146

&lt;211&gt; 431

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(431)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctggtgacac	ctctctgagc	180
ttcagttccc	ttaactagaa	aaatagaaca	ggcccgggtg	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaacccg	attgggggtat	tagcaatggt	ttgttacttg	ggcattttca	agaggcagac	360
atagtcacga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

&lt;210&gt; 5147

&lt;211&gt; 1101

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5147

tgaaaagggt	aaacctgttt	cacctcccaa	atttatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagttcattg	tcattgattac	caggaagtgc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
maktckgmm	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgctgcagtg	tctttactgg	aagcttagtt	ggatcgaaat	ggacaccgag	300
atggagatgc	ttctggctac	atttcgcaga	accccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccacccccag	ggtctaagtg	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagaggt	gtgtctgggg	saccactggg	gggtgggtgt	gctcttcttt	480
ttgttgtagt	taatgcggtg	tcttttaaatg	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcattgtgt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtggg	attttattaa	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aataaaaaat	tagccggggc	tattggcgtg	cgcttgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgccctgaa	cccagaggcg	gaggttgtag	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttggggagc	tgcttcaact	ttggaatata	tgtttgccaa	tctccttggt	ttctaataag	1080
taaatgtttt	tatatacttt	t				1101

<210> 5148  
<211> 515  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(515)  
<223> n = A,T,C or G

<400> 5148  
ggaagagggga cgccgagaag aaggacctgc ctgtcaccaa aaacacgctc aagtgcactt 60  
tccggtccct ccaggtcagc aggctgcccc gcagcggcga ggctgcagcc acgcccacca 120  
tgtccatgac cgtggctcacc aaggagaaga acaagaaggt gatgtttctg cccaagaaaag 180  
cgaaggacaa ggacgtggag tctaagagcc agtgcattga gggcatcagc cggctcatct 240  
gcactgccag gcagcagcag aacatgctgc ggggttcctca tcgacggcgt ggagtgcagc 300  
gacgtcaagt tcttccagct ggccgcgcag tgggttcctcg cacgtgaagc acttccccat 360  
ctgcatcttc ggacactcca aggccacctt ctaggcccca cccaccaggg gggcccacct 420  
ccttgcccca ttgntgtgag ggggcccagc ttgcattttc ttgtttaaac attttcagtt 480  
ttaattacag aggacagacg tttnaaaaca caaag 515

<210> 5149  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 5149  
cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60  
atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtgggaag 120  
kcaaacgtaa grtgraagct atkkgatggg gaaagaagac tctggaccag gtcttagagg 180  
atgtagacca gtgctgtcaa gctctctctc aaagactggg aacacaaccg tatttcttca 240  
ataagcagcc tactgaactt gacgcactgg tatttggcca tctatacacc attcttacca 300  
cacaattgac aaatgatgaa ctttctgaga aggtgaaaaa ctatagcaac ctcccttgctt 360  
tctgtaggag aattgaacag cactattttg aagatcgtgg taaaggcagg ctgtcataga 420  
gttatgtgtt agtctcagga gtcttaactt ttgaaatatg ttttacttga atgttacatt 480  
agatatgtgt gtcagaatct taaaaccaaa ttactgcttt ttgaaacctc aaattatata 540  
atgtatctta tgtatgtgct ttatatgtgt atttgtgtat acattaaaat aattctgaat 600  
tatttaaatct gatatgttgt attctgtatc ttgaaatctt tgtttccttg aaacatgcat 660  
gcatttataa ataaagctta aacaactgta tggatgttaa aaaaaaaaaan 710

<210> 5150  
<211> 648  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(648)  
<223> n = A,T,C or G

<400> 5150

atttagtgag	atttgtattc	taggaagtgt	gtgcgcgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcagggttg	acaaaccaa	aacaaaatat	tttgccctt	aaataggcat	tttaagaagt	180
tttatttcct	ggtacttaaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgcgtgtat	tttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaatcc	acagttgcat	gaaactttta	aaagtttaag	atataaagta	360
attgctaaaa	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgac	420
attgcatgtg	ttaggccagg	atttctcatg	attgtatatg	gttattgac	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctccncccw	ccaaactgtg	540
gctgtaaaaa	gtgactctgc	atagtcagcg	ttatacttga	tttctttgtg	aatgcaaata	600
aaataaaatt	tgtaagtcca	ccaaatattg	acttaactag	gtaaatgt		648

&lt;210&gt; 5151

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5151

gtactttgag	tgtttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aaggaggtct	tatgttttca	actacagata	120
gttgwaaggg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gcctgtgtct	accatgtgta	tgtattcttg	acaagcagta	taaaatacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcatat	atattatcat	300
ccctaagtga	gcagggggaa	gtattttaatt	gcccatgata	tgtattttac	ttatactatg	360
ccrgagrgga	aactataaag	taattacmca	tgtaatcttg	ggtttttcac	atatgtaggt	420
attcattttg	agtaggttga	agaagaaaa	aaatatttaa	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaa	taataaaggg	taggggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattggtac	600
ctgttgctct	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggtagcaat	660
agcaaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	tttcagatg	aggaagtaag	780
ggtttagcaa	ggttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttcact	atgcaatacg	caaacaataa	aatgttatac	900
aaatgg						906

&lt;210&gt; 5152

&lt;211&gt; 677

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(677)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5152

caaagccgtc	ccttcaaate	cgtctttgtg	cccactgcca	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	accctccag	tccgggatcc	ccactctcgt	ggtagctcc	180
cycaracsca	gccccaccat	ggctcttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccct	cctccccctc	ascctgtggt	gtggagatgg	ggtccaagcc	tgcctcagc	300
ggggagccc	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaatc	cccacaaaga	gtgagcctct	gcaaaaaccg	420
cccgcatctg	ccccaccatc	catcctggtg	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaaaa	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600

gggccagaga tgacatctat ttgccaccga gtgctgcact cggcaagaga agactcgaga 660  
agtagctctg caaggca 677

<210> 5153  
<211> 301  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(301)  
<223> n = A,T,C or G

<400> 5153  
ggcagtgtcg cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60  
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgca gcgkcgacc 120  
tggcagtgtg tgaaaccag gctycagcc ctccaaagcc tggggccacc ccctgtagca 180  
ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240  
ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcctggan cancccatag 300  
g 301

<210> 5154  
<211> 427  
<212> DNA  
<213> Homo sapiens

<400> 5154  
gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60  
acagatggac tgataacata ttgcgaataa aatctygsy cramagaaaa tttgggtttg 120  
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180  
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240  
taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaatgtta 300  
aataaagtgt aaaatgcaga tgttcttcac cctttttggt agaacaaaag caggatgata 360  
accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420  
gtcgagc 427

<210> 5155  
<211> 775  
<212> DNA  
<213> Homo sapiens

<400> 5155  
cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60  
gttttcaate tatgttcttg cctcttcata cttttattta ttttttgtca tcttgcctta 120  
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180  
atltaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240  
ttacttagcg tgttatgacc ttctcaccac atactaccaa attttaaattg gtcccgaactt 300  
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360  
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcattc 420  
tggtgttttt gtatttccac ctacccccca gcacatagcc cagtctcttg cacaaattaa 480  
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540  
ccttggttgt ataagctggg tgtttgtttt gttacctttg caaatattta tgattatcac 600  
ccccccacat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccocaggc 660  
aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720  
ggatatactt tgccaaacga aatttgaatt ctctgaataa attgggtcatg tctaa 775

<210> 5156  
<211> 713  
<212> DNA  
<213> Homo sapiens

<400> 5156  
gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60  
tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120  
tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180  
agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240  
gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaagag 300  
gtgtgaaatg aaaatatattt aggatttatc caaaracaga ctattctgtt ttcagcttca 360  
gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420  
agaagaagga ggcggaaatc tctcaggag aattatttcc tttcttttct atttcagata 480  
cctggagggg tggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540  
acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600  
tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660  
tcctgtcgag atctaattgt cttaatcgtg ccgtaaatgg aattccccca cca 713

<210> 5157  
<211> 529  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(529)  
<223> n = A,T,C or G

<400> 5157  
agcagctgca tctagggggc cttggtgaga tttacactca gagcctgggc gccccccgtt 60  
agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120  
attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180  
gctggcttaa cagaaaaacac agcgaatttc cctccagtt ctccccagt ccactgaaca 240  
aggctagttc ctgcaccacc caggattcaa aggaaagacg aagggagcag aacttgtggc 300  
agcaacaggt aaacttcaan aaggagggca ggatcccacc ctacagggtt ggganggan 360  
ccaaaggccc catctgtttc tctccagga gttgtcaagg cagcagaaaag gantcaccca 420  
gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgt 480  
ctaaaccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158  
<211> 459  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(459)  
<223> n = A,T,C or G

<400> 5158  
ttcattttta aaaagcttct ctttattatg ttgttgttta acaactkaaa cgctatctct 60  
agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120  
cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca 180  
atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggg 240  
atgagaaaac caaattttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300

```

aatattaagt gtgtggggaa ttagagcaa ctgaaaatgg cctacatctt tcataggaaa      360
tgttaaaacc aatacaawta ctttggcaaa actctgtccm acmttttcta cccmtttcac      420
ccagggcact yccttccttg gcttttgggt tncctcggg                               459

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&lt;210&gt; 5159

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5159

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ggatgccctg gggcagaagc tgcccagaag gcccagcca gggcctggag agcagctcac      60
agtcttccag ttctggagtt ttgtggaac cttggacagc cccaccatgg aggcctacgt      120
gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt      180
tgtgctgaag gccctgagat tggcgcccga ggggcgtctg cgaagggacg ggctgcgggc      240
cctcagctcc ctgctcgtcc atggcaacaa caaggctcat gctgctgtca gcaccagct      300

```

&lt;210&gt; 5160

&lt;211&gt; 540

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (540)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5160

```

gtgggaactt cccctactcc ctggatgtgt gtacctagca cacttccttc tcccaccctt      60
ttttccagtt ggatttggtt ttctgttctc ttctgtcctg tcttatactg caactgtgtc      120
tcttagggga cagatggcct tctttgtcat ctctactctc caccaccaga gaggagtcag      180
agcmwtaact caatcactca gccctccaa agatagttga tgtgtgataa tctcataatg      240
ttgagaacct tgatgagata cattgtcttc ctctccctac aatgcctctg gggccaaggc      300
accattctt cttgctatcc tccatcccc ttgaggcttc cactttttt ttttttagac      360
ataaagctgg gcatcagcaa ctgggcctgt ggggtgatgca aagctgctt gctctgtatc      420
tgggctggga cttgatctgt ctcaacaagg aggccatgag ggnccatagg ggaggaaggc      480
ttccttntcc ccttcatct ttctgnttcc aaaggggtgg tagggcaagg aggggagtta      540

```

&lt;210&gt; 5161

&lt;211&gt; 683

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (683)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5161

```

atacgatggg gtgcttggtg gatgggcat ggaggtccgt gagctggaac tgggcacacg      60
ccatcccaga gggctcagga tgcccagga aggaagaag ggcaacagac tacacgattg      120
gacgtgtgtg gttgactggg atgaagttgg agggaggggc agggccttgc aggggattgg      180
tactgatccc agggaggaag tgttggggct tcatgaacta ggatgaaagg aggccctga      240
gccatgacaa ggggcacatc caggatttcc gccaccctga atttagtaga gctagtaggc      300
cctggtcgtc actctgggca gggatgccgt cagccttgag ggtcgccacc cacctgtgtg      360
ttgccctctg tcttggcggg gaaacataca ccccttgtct caccaccaac cttgcttgtg      420
tagtcnrcag ggctgccctg cccaaggac tcaactgcat taccgggacc cctaggcctg      480

```

```
gcctttgcag catagttggg agcttctgga ttccatctgc acctgtgagc cccatgctgg 540
ctgtgcactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc 600
tgatggcagc ctcagaggct tactetaacc catcccagaa taaatggaga cttcatgtgt 660
tcattgtttc attcactcaa aaa 683
```

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<210> 5162
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G
```

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<400> 5162
ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcggttaa 60
taggagctgt ttacttggag ggaagcctgg aggaagccaa gcagttattt ggacgcttgc 120
tctttaatga tccggacctg cgcgaagtct ggctcaatta tcctctccac ccactccaac 180
tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta 240
ctgagtttga agaagcaatt ggagtaattt ttactcatgt tcgacttctg gcaagggcat 300
tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat 360
tcctaggtga ctccataatg caacgtggta gccacagagt acttattcat tcatttccca 420
gatcatcatg aaggacactt aactttgttg cgaacgtcgt ttggtgaatn atagaactcc 480
aggccaagct agcggaggag ctgggcatgc aggagtacgc cataaccaac cgacaagacc 540
aagaggcctg tggggcttcg caccaagacc ttgggcgg 578
```

```
<210> 5163
<211> 395
<212> DNA
<213> Homo sapiens
```

```
<400> 5163
cagaaattca aataattctt ttctgcttca atgccagcag aaggtccccc aggtagacat 60
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tgttwawstg ttrtcgtgca ggtkwggggg ttggcattat tcatgtttct gatcaattct 180
atgcaactct catagtctct gttacttttt agcattagct gccaaatgac ttcaaaaggc 240
tgggggtggg gacttgactg tgagactgga ttataacatg gacaaatctt attttgctta 300
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct 360
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```

```
<210> 5164
<211> 300
<212> DNA
<213> Homo sapiens
```

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<400> 5164
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gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg 180
gctgggtgtg ggggtgtgca taggaaaggg tctctggaga agcaagaagg gcacaatcat 240
ggcccactgc tcccctcttc ttctcagtgc tctttgcctt ctctgctgc gatgcttctt 300
```

```
<210> 5165
<211> 300
<212> DNA
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&lt;213&gt; Homo sapiens

&lt;400&gt; 5165

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aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttgggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgctgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggt	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggcttatgt	ggagttttaca	300

&lt;210&gt; 5166

&lt;211&gt; 655

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5166

ccattgttag	catcgtagac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggcactggg	tsmamgtaga	gcattccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaagaggt	ctgttttaggg	gttaaagtac	240
tgtaactcac	gactgtttaa	aaataaat	tcctgtgctg	taaaggaagg	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgtctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctggt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatgggt	gacattgtat	caataactaa	aactgaaaca	480
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gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgctttg	taaaattcac	600
atttacaana	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

&lt;210&gt; 5167

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5167

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
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gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
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&lt;210&gt; 5168

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5168

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gctcttgaga	aagaattctt	atgaattggt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataatata	tattccccgag	tagatattta	180
taaaatata	gtttctttca	ttatgtgttt	gtaaaattag	agtttaaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	tttttctttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

&lt;210&gt; 5169

&lt;211&gt; 703

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(703)  
<223> n = A,T,C or G

<400> 5169  
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cgcacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgwacys gtsygrsag 180  
merycagmgc ggaaggtgtc tgtgtataaa aatgatgaca gtccggccatg gctcacctgt 240  
tcttgccagg gtaatgctga cttgcgttgg ggttggagac gtgtgtaata aaggaaagaa 300  
cctgttggtg gcagtgaagt ctgaaggctg gtttcatttg tttgacctga cacctgccaa 360  
ggtgttggtg gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420  
caagcagcac atccctgcc aacacanggt catgctgac agcgacatcg atggagatgg 480  
gtgtcgtgag ctggtggtgg gctacacaga ccgtgtggtg cgagctttcc gctgggagga 540  
gctaggtgag ggtcctgaac atctgacagg gcagctggtg tccctcaaga aatggatgct 600  
ggaggggtcan gtnngacagn ctctcagtga ctctggggnc actnggtctt cctgaactga 660  
tggtgtctca gccaggtnng tgcgttttgc aattctnctg ngg 703

<210> 5170  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 5170  
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gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120  
rgtgagagaca cattcacaga caaagccaac agcggccttt ctatggagtc aattcatgtt 180  
cctgatcctg tcatttcaat agcaatgaag ccttctaaca agaacgatct ggaaaaattt 240  
tcaaaaagta ttggcaggtt tacaagagaa gatccacat ttaaagtata ctttgacact 300  
gagaacaaag agacagttat atctggaatg ggagaattac acctggaaat ctatgctcag 360  
aggctggaaa gagagtatgg ctgtccttgt atcacaggaa agcc 404

<210> 5171  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5171  
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ccgctgggta aggtgatgc ctagcctggc ttattgcacc ttccttttgg cggttggctt 180  
gtcgcgaatc ttcattcttag cacatttccc tcaccagggtg ctggctggcc taataactgc 240  
tgttgtcact ccactctcct aggcgtgtgc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 5172  
<211> 593  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(593)  
<223> n = A,T,C or G

<400> 5172

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tattgactta	agtggacagt	tggaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatcag	ctgcatccta	tgcattaggc	agcattagtg	tgggcaacct	240
tcctgaatat	ctgccgtttg	tcctgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtggtgggcc	ttaaaccata	360
tgttgaaaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgttggt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggg	actttgattc	agggttnatt	catnattgnc	ccgaagggtc	540
agtgggttta	cgggctgttg	aaattttnac	aattttcttg	naccctntcc	aca	593

&lt;210&gt; 5173

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (447)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5173

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gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gacttctttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattgggttg	ggagacctat	tcctactcca	240
gtagggtcag	ttcacgtagg	attctgggtgc	atctgcaata	actygagaaa	gccacacaca	300
tagggatcgg	ccatcacaac	agcagcctct	tcggaaatca	ggtgggttag	ctcaaccaat	360
gggagagctg	gatgttggtg	gatccccacg	ggagccccc	tcaccaatggc	acccattcac	420
agcttcatgc	ccgaggtggg	aggtagt				447

&lt;210&gt; 5174

&lt;211&gt; 1170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5174

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agtaatat	aaatttttaa	aagtgtataa	actgtaaagt	atattttact	ggtgttttct	180
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taagtataca	tatttcattc	ttctattttca	tatattttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatttt	aatccattag	aaattactat	tcacgcattc	360
tgtattcaat	tcagtgtgata	gctaataatat	ttggttttaa	atgcatctta	ttttgtgggt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatctta	480
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acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
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ggatgtgaat	ggatacaatt	atataattgtg	tttatagttt	tcctgtgcta	taggaacagt	1020
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aagtgtattg	atgggggttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140

gcaacataat aaattatata tctggtgaac

1170

&lt;210&gt; 5175

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5175

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t						301

&lt;210&gt; 5176

&lt;211&gt; 349

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5176

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aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgt	gtgtgtgkgt	gtgtgtgtgt	180
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rggggggtgcr	tatgtatgtc	tatgaaagcc	taatcatttc	tgggcaatga	tgwaaaggtt	300
ttackactga	tctttgtaac	tatgatgggt	tctacacttg	acctgggct		349

&lt;210&gt; 5177

&lt;211&gt; 907

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5177

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tgccgtcctt	tgaagggaga	acctggggta	gggttcagag	agcctggcra	gaactgtgca	120
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&lt;210&gt; 5178

&lt;211&gt; 865

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <222> (1)...(865)  
 <223> n = A,T,C or G

<400> 5178

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acctttttta	attatgttag	agatgtatat	aggtatttaa	aggtcactgg	gagcgtttct	180
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<210> 5179  
 <211> 952  
 <212> DNA  
 <213> Homo sapiens

<400> 5179

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tttataatta	cccagtcctg	ggtatttctt	catagcagtg	tgagaatgga	ttaatacctg	900
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<210> 5180  
 <211> 657  
 <212> DNA  
 <213> Homo sapiens

<400> 5180

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aaccagcctt	cagattattt	gaaagcaaat	ttcagacatc	gtattttact	catacatattt	300

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&lt;210&gt; 5181

&lt;211&gt; 969

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (969)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5181

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ngaacttgc						969

&lt;210&gt; 5182

&lt;211&gt; 280

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5182

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aaaaatacaa	tggcttattt	aaaatgtccc	tatgcattgt	gaaatgttaa	ataccaagtg	120
gatgaatgg	tctcaaatat	attgtaattg	agaattatc	acatgcattc	attgttttaa	180
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gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

&lt;210&gt; 5183

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5183

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attggcgagg	ccttcaccgt	cgccggcacc	ctggactcat	gcattcttcac	agcctctgag	180
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tcccaaatct	ggctgtgtcc	caaaggggtg	gtgggaagtg	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tcccccttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
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&lt;210&gt; 5184

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5184

ttccctccct	cctcctttca	ttctccttct	ctccttctcc	cttccttttc	tcctacctcc	60
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aatataatca	ctttgtttct	ttcaggtgag	atcggaactg	aactgttcgg	ctgcgaccag	180
aaattttatt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcatttc	240
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&lt;210&gt; 5185

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5185

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tttcaaaccat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt	240
tcaaaccatga	atacatggtc	aaccttgat	cacttaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

&lt;210&gt; 5186

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5186

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aatcatgcat	ttgggtcact	aattatctca	aaatatattca	tactaataaa	gttgaattat	540
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&lt;210&gt; 5187

&lt;211&gt; 1029

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5187

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gcaagggctc	ctgccccatt	ctcagccttc	cttccctctc	cttgtctcat	gttgaccgga	480
gggtaggggt	ctgtccctgg	tcttctctgg	aggttttgta	cacataatttt	gctactgtgt	540
ggatccattt	attttttattg	tggagtgtat	acaacagggt	gcgaactggc	tgccctgtgtc	600
ttattttgac	ttgactgcc	attttgagg	gagaagaatc	aattagtggc	aaacatttaa	660
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ggttgaagtg	agcaagactc	gtgccattgc	actccagcct	ggcgacagag	tgagactctg	1020
tccccccac						1029

&lt;210&gt; 5188

&lt;211&gt; 416

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(416)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5188

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ccattttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tctgtttatg	gaaaaaagtg	cactgaattt	attagacama	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattgtat	300
actatgaaca	atttgtaaat	gtcttaattt	gatgtaaata	actctgaaac	aagagaaaag	360
gtttttaact	tagagtagcc	ctaaaatatg	gatgtgctta	tataatcgct	tagttt	416

&lt;210&gt; 5189

&lt;211&gt; 572

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(572)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5189

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ttgggagagt	tttcctccc	aggggaccac	ct			572

&lt;210&gt; 5190

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5190

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catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggccc	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aaggatttca	300

&lt;210&gt; 5191

&lt;211&gt; 553

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5191

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gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttcctct	tgcatggaca	ccggcctcct	300
atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgagac	atctcttagg	tatgtaatgt	cagtgatgta	atgagctggg	gattcacttt	420
cttccttttt	attttcatgt	atttgagggt	aagcacagaa	cttcagaaat	gtatttggat	480
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&lt;210&gt; 5192

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5192

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tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatt	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

&lt;210&gt; 5193

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5193

gaaccaagaa	aatattttaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
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gttaacactt	tttctacaaa	gaaatgggtg	gcctggatgg	tcgtgtaggt	gagttttacc	120
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&lt;210&gt; 5194

&lt;211&gt; 575

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tcagccatc	gtctgtctgc	ggagccaggg	60
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&lt;210&gt; 5195

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(477)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5195

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aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	cctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
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&lt;210&gt; 5196

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(555)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5196

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1800

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&lt;210&gt; 5197

&lt;211&gt; 1175

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1175)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5197

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gtatttcttc	ataaaatgat	taggaggtta	tangcagttt	ctgctgctgg	tctgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

&lt;210&gt; 5198

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5198

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<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5199						
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ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gaccacatc	cctccacccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
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<210> 5200  
<211> 530  
<212> DNA  
<213> Homo sapiens

<400> 5200						
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ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttctt	240
gtggttcgtg	agcatggacc	tgggtgcagg	cttscastgs	cwctwermcw	gyaayyyewk	300
cmctctcttc	ctggagcatc	tgttgtccga	ccatatctcc	ctttccacgg	gtccatctct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctgtg	ccctgtgccg	420
gcgctggggc	gtctacgcgg	tgggtgcggg	gctcttctct	ctcaagctgg	gacttagcct	480
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<210> 5201  
<211> 837  
<212> DNA  
<213> Homo sapiens

<400> 5201						
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aggaagacca	tgatcaggtg	ccagcatctg	ggaaggccct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccgc	aacctttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	cctaatacat	tcccaraagg	ctccgcyycc	300
aacctgttg	cattgggatt	aagtttccaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
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taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgataaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
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<210> 5202  
<211> 589  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

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aaactaatga	aatacctttt	arwwcrgcws	aragaaagg	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcaccct	aaatcctggg	agawtacaag	awaaatttgg	aaaaggggcc	540
agacgctgtg	gcttcacacc	tgtagttccc	agcttctttt	ggnggggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

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tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
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tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggagggtgc	agtgagccaa	480
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aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

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gggagtatag	gcacgtacca	ccacaccag	ctaatttttt	gtatttttac	tagagatggg	180
tttcacagt	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	gctgagatta	caggcgtag	tcactgtgcc	cggcctcaaa	atsttargaa	300
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<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

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ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	ggtgttggag	180
tggtgacttt	aatttgatgg	atcctaaact	cttggttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gctttcggct	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wtcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtgggt			458

&lt;210&gt; 5206

&lt;211&gt; 548

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(548)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5206

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agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatttttcc	agaaagccaa	agcagaggaa	gaagggttatt	ttgaagcatt	180
caaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggg	gttggatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcga	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	tttttgttcc	ggtttttgtn	540
gggngggg						548

&lt;210&gt; 5207

&lt;211&gt; 934

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(934)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5207

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gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
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tcttcgagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtttc	300
cgtgcattat	gaccccatga	ttgcgaagtg	rntcgtgtgg	gcagcagatc	gccaggcggc	360
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tcgtatacca	gaaacatgac	tcttaaagat	ggtaaaaaaca	gttttcgtct	cctcggataa	720
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cagaccacta	caataaaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggtaatc	tttacagccg	agggagactg	900

cacttacctg aaatgttccg ttaatgggag ttgc

934

&lt;210&gt; 5208

&lt;211&gt; 934

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5208

gttagctcga	ggggcaaata	aagagcacag	gaatkwwtct	gattacacac	ctctaagtct	60
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taactctaga	actggttagca	aattgggcat	ctctcctctg	atggttagcag	ctatgaatgg	180
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aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactggtc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtggccgag	ttcttttgga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
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ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaaaa	gttaagggaa	900
gaaagtcgga	ggctggcttt	ggctgcgaaa	agag			934

&lt;210&gt; 5209

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5209

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caagcgcttc	cttgccgaga	ggctggagct	gcggcaccgc	aggcctgagc	cacccttct	120
ctgctgtctc	cttctcttcc	tcagggtctc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

&lt;210&gt; 5210

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5210

ccccttcctt	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	ccgggtgggc	tgggacttcc	gtctgaattt	120
taaataactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatggt	ttcactgctt	180
tagtttctctg	tttgcctggg	ggaggggata	cggctctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccctt	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
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tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211  
<211> 839  
<212> DNA  
<213> Homo sapiens

<400> 5211  
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ccttcctact accaggggggt gtactcccgg cccatttat gaactcctct taagaagacg 180  
acggcttcag gcccggtctaa ctctggcacc cggatcgag gayaagtgag agagcaagtg 240  
ggggtcgaga ctttggggag acgggtgttg agagacgcaa gggagaagaa atccataaca 300  
ccccacccc aacaccccca agacagcagt cttccttcac ccgctgcagc ygttccgtcc 360  
caaacagagg gccacacaga taccacacgt tctatataag gaggaaaacg ggaaagaata 420  
taaagttaaa aaaaagcctc cggtttccac tactgtgtag actcctgctt cttcaagcac 480  
ctgcagattc tgattttttt gttgtgtgtg ttctcctcca ttgctgttgt tgcagggag 540  
tcttacttaa aaaaaaaaaa aaattttgtg agtgactcgg tgtaaaacca tgtagtttta 600  
acagaaccag aggggtgtac tattgtttta aaacaggaaa aaaaataatg taagggtctg 660  
ttgtaatga ccaagaaaaa gaaaaaaaaa gcattcccaa tcttgacacg gtgaaatcca 720  
ggtctcgggt cagattaatt tatggtttct gcgtgcttta tttatggctt ataatgtgt 780  
attctggctg caagggccag agttccacaa atctatatta aagtgttata cccggtttt 839

<210> 5212  
<211> 603  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(603)  
<223> n = A,T,C or G

<400> 5212  
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gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180  
gaccaatagt acacacacag acacaaagt taactggtag ttgaaacata cagtatatgt 240  
taacgaaata accaagactc gaaatgagat tattttggta cacctttctt tttagtgtct 300  
tatcagtggg ctgattcatt ttctacnttn aancagnngg ttttctgacc angaatatgg 360  
ctnggatttt ttngaaagta caaaangcca catagttttt ccagaaagggt ttcaaaactc 420  
ccaaagatta acttccaact tataagtttg tttttatttt caatctatga cttgactggg 480  
tattaaagcc gctatttgga tagtaattaa atatgggtgg cattgatata aaccngtttg 540  
gggtcagcaa accaacctaa atggatggcn aagaccngng gtttaatttt cccgggtggg 600  
gtg 603

<210> 5213  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5213  
ccaaggcgca gcccgattct gcccctacg attggttcgg ggacttctcc tccttccgtg 60  
ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctakgt tgcgggaaca 120  
gtgccctgag ctacgagctg ttctcggag gttccctaa tgtgaccagt gtggactact 180  
catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgag ctgcgctggg 240  
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<210> 5214  
 <211> 492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (492)  
 <223> n = A,T,C or G

<400> 5214

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gccaccggcg	ggagccagcc	ccncagcatg	ggcaggaaga	agaggaacag	gacaaaggct	360
aaggtccag	cccaggcaaa	cgggacgcca	accaccaaga	gtccagcccc	tggcgccccc	420
acccggagcc	ccagcacccc	tgccaaatcc	ccaaaactgc	agaagaaaaa	ccagaagccg	480
tcccaggtga	at					492

<210> 5215  
 <211> 1011  
 <212> DNA  
 <213> Homo sapiens

<400> 5215

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agtttctgga	gttcgaattt	cggccggacg	gaaagcttag	atatgccaac	aacagcaatt	180
acaaaaatga	tgtgatgatc	agaaaagagg	cttatgtgca	caagagtgtg	atggaagaac	240
tgaagagaat	tattgatgac	agtgaatta	caaaagaaga	tgatgctttg	tggcctcccc	300
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atgaaaggca	agtgtagatt	gtcccttatt	tccttcatac	atgattggat	ttaattttgg	960
ggggcttata	caagggtctag	ttttttttta	cagttatgac	aaaccctca	g	1011

<210> 5216  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5216

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aagtggatat	ctactcagac	agtaagaatt	ataagagctg	taagagctca	ttttggagga	180
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<210> 5217  
<211> 1544  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1544)  
<223> n = A,T,C or G

<400> 5217  
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gtacgagacg aggttcctgt gcaactcttc acaggagtgg aagagactag gagtcgagca 180  
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gtccagagga ggctgtaaga gccatcgcca agatccgggtc atacatccac atcaggcctg 420  
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caaaaatcta ttatgtacct aatattgtgc ctaataatat ttagcaccac aactcaaaaa 840  
acatttagca cttgaaaaaa ggagactcac ctctggctct tggccactgt cagaatctga 900  
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cmaaagtacm attgggcac tttccytatg tckkgggatc aggggwgctt acatttaaca 1500  
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<210> 5218  
<211> 948  
<212> DNA  
<213> Homo sapiens

<400> 5218  
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aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180  
gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240  
tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300  
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attttactat ttggtacaag acttgaaatg tttagttttc agtcttattg gattacactt 420  
caagattaaa ccaattttaa ttgtatgttt tcaggctggt tgtatatatta attaaaggat 480  
gggaggggtt atttgtcatt tacagtattg gggtttttat gaatgtgaag caaacaaaaa 540  
aaatttgat gtaaactgaa aataagaaaa tacattagca agcttaatgg ttatccttac 600  
ttgagtccac atgggttgga cagtccccac acacattaaa ttctgtaaat gaaagccacc 660  
ttttgttaaa aatttgctct aataaaacat accaaatcct ggttgcagag tagttttttg 720

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aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	atthttggggg	900
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&lt;210&gt; 5219

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
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gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
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&lt;210&gt; 5220

&lt;211&gt; 1043

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1043)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5220

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ctcgctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
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ggagaagcgg	cagatggacc	gagcggacac	aagggtgagc	ttcagacaga	caagatgatg	360
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gttcagtctt	tcagggagaa	gatggcattt	ttcacccggc	ctcggatgaa	tatcccagct	480
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agtcctctag	tgtctctgtt	ggtttgaaga	tgaaccgact	ttttagtttg	ggctcctactg	660
ttgttattaa	aaacagaaca	aaaacaaaac	acacacacac	acaaaaacag	aaacaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
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tttyytsgtt	gtacagctcc	acctttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataagg	acgtcccgcga	cttgctcacag	tacagctaata	ttttcctagt	960
taacaatttg	tcataattamm	mmntgcacag	ammaccattg	gggggggattc	agagggtgcat	1020
ccacccccgn	tcttcttgag	ctg				1043

&lt;210&gt; 5221

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5221

atcgattaac	acttctaatag	agtcaagtcc	taggggttttt	tgggttttggt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatggtgtc	atccwcstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtggctc	acgcctgtaa	tcccagcact	ttgggagggt	gaggcgggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atggtgaaac	cccatcgcta	240
ctaaaaawtat	aaaaaattag	ctgggcatgg	tggcgcacgy	ctgtagttcc	agctactcag	300
gaggctgagg	caggagaatc	gcttgaaccc	gggagggtga	ggttgcagtg	agctgagatc	360
gcaccattgc	actcccacct	gggcaacaaa	gagtgaact	tggctctcaga	aacgaaacaa	420
aacacaaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
tgtcattccg	ttgcgtgatg	gggtcacaga	gcacagacct	ggtgcccttt	tcctttttta	540
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tgagcagcag	tggtcagagc	tctttactat	tacttttggg	caaacgcaag	ccaggctggc	660
aaccaccact	gccgcccagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttatct	canttttaaag	gcagcccaag	780
ggaantgttc	agnaana					796

&lt;210&gt; 5222

&lt;211&gt; 328

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5222

ataaggcagt	ctctcaaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtagtgta	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgcgttt	gtaaaaattt	gcacatgttt	agaaactagc	ctataaaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatggt	gggtttattg	cttagcgaaa	tattctcttt	300
ttatttaaat	aaaatgttct	tcattgtg				328

&lt;210&gt; 5223

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5223

ggaagagctc	gtcttggagt	ccaagctttt	gccacttcaa	ttgcaccagc	tccaggaacc	60
atacaaccat	cttcaatkgc	atttttgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttggtgta	gagtcattgt	ttatttggtc	ctttaaccaa	caaggtaaca	gagcaagggt	180
taacacactc	ctcaataaaa	gtgaactttt	cttcacctaa	tgtataactca	tacacaagac	240
cagcatgtcc	caagcaatct	acagtggagt	cttcaaaaaga	attcacggcc	attccaccac	300
aa						302

&lt;210&gt; 5224

&lt;211&gt; 551

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5224

gcagtagctg	tgcctgagg	ctcatagttg	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgcctgcctc	tgtecccgcc	tcagtcctccg	cctccatccc	cgcctctgtc	120
ccctggcctt	ggcggctatt	tttgccacct	gccttgggtg	cccaggagtc	ccctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggtg	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgcaggg	actgtggtct	360
ctccyggggc	ccgggacccg	cctggtcttt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccacc	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480

gagtttgagc tgaagccccg tatatttaatt ttattttgtt aaacatgaaa gtgcacccct 540  
tccctccaaa a 551

<210> 5225  
<211> 555  
<212> DNA  
<213> Homo sapiens

<400> 5225  
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tgcttcattg tggctcctca atggcctgct gctgacccta cagcttctgc atgtcatctg 180  
gtcctacctt attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240  
aggaaggatk agwscwgr mtgtssactc tttsmkcaso tcmkwsswwk wwkmtrtgmc 300  
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360  
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420  
cagcaatggg gccaatcggg tgaatgggtc catgggaggc agctactggg ctgaagagta 480  
aggtggttgc tatagggact tcagcacaca tggactttgt agggccactg gcaaacaata 540  
ctctctcttg gccct 555

<210> 5226  
<211> 498  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(498)  
<223> n = A,T,C or G

<400> 5226  
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taacagtgtt aggtgaacag ttgtccagtc tctgtttttg tcggacactg tttctagcac 120  
cttccaggca gaatctcatg tatccttcac tttcgaawts ggwacgagka tttcatcccc 180  
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttcctgg ccaaggctcag 240  
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300  
gcaggctgca gggcagggtg gggcatgcca tggtagaggt gggaccattg aggctcagag 360  
agggtaagtg atganccctg gnacacagcg ggggtgggtc agagtccggc ctgcattctc 420  
tgagagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480  
aggggggaat gttgccta 498

<210> 5227  
<211> 537  
<212> DNA  
<213> Homo sapiens

<400> 5227  
ggatgggtgc cctggagcca ggcaaggcag gaggccccag aaacttggtg ggggagataa 60  
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120  
asgakkycr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180  
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240  
atgcttctgt cgtagccgg gtgcagtgtc gtgtgtatct agttccagct acttgagagg 300  
ctgaggcagg aggattgctt gagtccagaa agtggcagtt gcagtgagtg gagatcgtgc 360  
cactgctcwc cagcctgggt ggagarcga gaccctgtct caaaaaaata acaaaaacaa 420  
aatgcttctg tcagttaaca atctttatta gagggttttt agtctttctt tctcagctgt 480  
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228  
<211> 735  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(735)  
<223> n = A,T,C or G

<400> 5228  
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cttgggaagg tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180  
ggaaatgagg gcttttagttt cctgggcagg gaggggcagg ttctgagggt gccaaaggcc 240  
cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg ccggtgcac 300  
ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360  
ccctggagac tgggaaaagg ccgcagnacg ggggactggg cgggtggtggc tgggtggttta 420  
aagggtgaac tttctctgaa gctcctttcc cctttgctct tggteccctgc ccngcaang 480  
caaacctgcc ccctctgcct ccagtgac ccaatgaccc cccttcccct tggggcggac 540  
ttcctgattg aagcacaact ccccgcaag ganccccaag ccacaagggt ttggccataa 600  
tttggggcag ttccaagtc ctgtnggctt cggctaatch tggggganga agatttttng 660  
ggtcttgat ttcccttggg aaattgggtc cttgggcttg gaatnttttc cctaaggggg 720  
ccctcttant tcctt 735

<210> 5229  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(317)  
<223> n = A,T,C or G

<400> 5229  
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ggaaagtgaac tggggtgagt gagttccaaa tggagggaac tgcattgtgca gaggcctgga 120  
ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtggct ggaacataaa 180  
gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrctctg ggaggcygag 240  
gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaacctt 300  
gtctctactn aaaatac 317

<210> 5230  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5230  
ggccactcgg cctcttccct ccttcgtcc cttcttctc tccctttttt ccttcttctt 60  
tcccctctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120  
caggtagaac tttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180  
atttgttcac ttttggtgaa agtgaccatg tctcaagttc aagtgaagt tcagaacca 240  
tctgtctctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

<210> 5231

<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5231  
atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60  
ctgttatgtt gacctgagga gaggatctca atgaatggat tgctgtgaac actgtggatt 120  
tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180  
gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggt actaatatta 240  
aaaagccaat caaatgttct gcacccaaat acattgacta tttgatgact tgggttcaag 300

<210> 5232  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 5232  
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ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgc 120  
accaaggcgc agccgattct gccccctacg attggttcgg ggacttctcc tccctccgtg 180  
cctcctaga gccggagctg cggccccagg accgtatcct tgtgctakgt tgcgggaaca 240  
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<210> 5233  
<211> 564  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(564)  
<223> n = A,T,C or G

<400> 5233  
gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgctgcgggg gcgctgagag 60  
gacacgagct ctatgccttt ccggtctctc atcccgctcg gctcctctgt ygcgctgctg 120  
cctcagcacc atggtgcgcc aggtcccgac ggctccgcgc cagatccgc cactacagg 180  
gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcccttctcc 240  
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actctaattg atgactgga caccttgctg attttgggga atgtctcaga attccaaaga 360  
gtggttgaag tgctccaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420  
ttgaaacaaa cattcgagtg gtaggaggga ctctgtctt gttcatctgc ttttccaaga 480  
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ggctnaggan ggcgggccga aaat 564

<210> 5234  
<211> 596  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(596)  
<223> n = A,T,C or G

<400> 5234

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agccaaacag ctaatagacc aggggaaaac tgttttattt gcatttgaag aagctattgg      180
atacatgtgc tgcccttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc      240
agagtgggt agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat      300
ttatgtggag tatggctacc atattactaa agcttcctat tttatctgcc atgatcaaga      360
aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa      420
agcttgtggc aaatttgaaa tttctgccaat tagggacctt acaactggct atgatgatag      480
ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc      540
accttcacct ttggctaata ggagggcgct ggcacctn gcgaccagtg gggacn      596

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<210> 5235  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

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<400> 5235
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tctacgtgac cgacgccgcg gagctttgga gcacctgctt cagccggac agcctggcgg      120
ccctcgtggg taactgggcy ggtctgggag ccgccacacc cctccttgca gtgcagatcg      180
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctt      240
gtagctgtag tctctccatt ggctagggtc cttggggctc ggcagggttc gggtgcccc      300
agtggcctcg ggttcaggc agctcgtgac aagccctgtt gctctctaga aagcccgttt      360
tggcctgagt gcggctgagg acatcaccac ccggttcagg gcagcctgtg agcagcaagc      420
tgtggctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggccctcgga      480
ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg      540
acactgggcc tggcaaaaac cgtgtggagc ctggagcgkc gactkcgagc tgcagaagag      600
acagctgtca gcccgaggaa gagccccggc cctgcagggc ttcagctctt cttaccagac      660
ccagatcccc agagagggtg ccctggacct nggagtcagg atgncgggtt ccaggagaaat      720
tcgttcacn aa      732

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<210> 5236  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

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aggcagcatc tctgagggtc cccaaggagc atggctggga gccgtgaggt ggtggccatg      180
gactgcgaga tggtggggct ggggcccacn ggnagagtgc gcctggctcg ttgcagcctc      240
gtgaacgtcc acggtgctgt gctgtacgac aagttcatcc ggcctgaggg agagatcacc      300
gattacagaa cccgggtcag cggggtcacc cctcagcaca tgggtggggg cacaccattt      360
gccgtggcca ggctagagat cctgcagctc ctgaaaggca agctgggtgt gggtcattgac      420
ctgaagcacg acttccaggc actgaaagag gacatgagcg gctacacaa ctacgacacg      480
tccactgaca ggctgttgtg gcgtgaggcc aagctggacc actgcaggcg tgtctcctgc      540

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gggtgctgag	tgagcgctc	ctgcacaaga	gcatccagaa	cagcctgctt	ggacacagct	600
cggtggaaga	tgcgagggca	acgatggagc	tctatcaa	atcccagaga	atccgagccc	660
gccgagggct	gccccgcctg	gctgtgtcag	actgaagccc	catccagccc	gttccgcagg	720
gactagaggc	tttcggcttt	ttgggacagc	aactaccttg	cttttggaaa	atacattttt	780
aatagtaaag	tggtctctata	ttttctctac	gccaaa			816

&lt;210&gt; 5237

&lt;211&gt; 817

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (817)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5237

agacagagta	ctgattggag	gggatgaaac	tccagagggc	cagagagctg	tgcaggccct	60
gtgtgctgta	tatgagcact	gggttcccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaa	atgc	ttttcttgcc	cagagaataa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttgg	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggtcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atttgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagtgtg	gggatctttc	tcatccaggg	tgtttcagag	ggatgaccaa	gtgtccccgg	660
cttcgtgacc	atttccaagg	atccatattg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttattttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaataaaa	atggcttaag	nccagccctt	tatnctt			817

&lt;210&gt; 5238

&lt;211&gt; 337

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (337)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5238

gtgcaccgga	gggtgaagac	agccctcgcg	al:gamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrcwksag	gctgcggtga	agcgggccga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggcccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttgccccag	agcagagaga	cgncacctg	240
ccccccacag	aggctggtgg	ttnagatgcc	cacggttaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccctt			337

&lt;210&gt; 5239

&lt;211&gt; 570

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
<222> (1)...(570)  
<223> n = A,T,C or G

<400> 5239  
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tggtgttgga ggtacttctg aaaatgatga cccttccaaa atgggttatgg ttctggcagc 120  
tactaatttt ccctgggata tagatgaggc ttaagacga cgccttgaga aacgaatcta 180  
tattcctttg ccgtcagcaa aaggcagggg ggagctatta cgaataagtc tacgtgagtt 240  
ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300  
tgcgagacatt accaacgtgt gcagggatgc gtccttgatg gcaatgagaa ggcgattga 360  
aggtttgact ccagaggaaa tccgaaatct ttccaaagaa gaaatgcaca tgcctacaac 420  
tatgggagga tttcgagatg gctttaaaaa aggttttctaa gtncagtgtt cttgctggca 480  
gacatttgaa aggttacggg gaatgggtat tttgagtttg ggccntgct aaatttntca 540  
cctgtaaact gttgaggaat gtgccttaag 570

<210> 5240  
<211> 907  
<212> DNA  
<213> Homo sapiens

<400> 5240  
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cgtttgctca aacatgagtg ggtatTTTTT tgtttggttt ttttgttgtt gttgtttttg 120  
aggcgcgtct caccctgttg cccaggtctg agtgcaatgg cgcgttctct gctcactaca 180  
gcacccgctt cccaggttga agtgattctc ttgcctcagc ctcccagta gctgggatta 240  
caggtgcccc ccaccgcgcc cagctaattt ttaattttt agtrgagaca gggttttacc 300  
atgttgscca ggctggyctt gaactcctga ccctcaagtg atctgcccac cttggcctcc 360  
ctaagtgtct ggattatags cgtgagccac catgctcagc cattaaggta ttttgtaag 420  
aactttaagt ttagggtaag aagaatgaaa atgatccaga aaaatgcaag caagtccaca 480  
tgagatttg gaggacactg gttaaagaat ttatttcttt gtatagtata ctatgttcat 540  
ggtgcagata ctacaacatt gtggcatttt agactcgttg agtttcttgg gcactcccaa 600  
gggcgttggg gtcataagga gactataact ctacagattg tgaatatatt tattttcaag 660  
ttgcattctt tgtcttttta agcaatcaga tttcaagaga gctcaagctt tcagaagtca 720  
atgtgaaaat tccttcctag gctgtccac agtctttgct gcccttagat gaagccactt 780  
gtttcaagat gactactttg gggttgggtt ttcactctaaa cacatttttc cagtcttatt 840  
agataaatta gtccatatgg ttggttaatc aagagccttc tgggtttggt ttggtggcat 900  
taaattgg 907

<210> 5241  
<211> 1184  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1184)  
<223> n = A,T,C or G

<400> 5241  
gcaagatccc tccacctgtc attatggtgc aaaatgtgag cttcaagtat acaaaagatg 60  
ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 120  
tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 180  
ccacagatgg catgatccga aaacactctc atgtcaagat agggcgttac catcagcatt 240  
tacaagagca gctggactta gatstmtcrc ctttgagta catgatgaag tgctaccag 300  
agataaagga gaaggaagaa atgaggaaga tcattgggagc atacggtctn actgggaaac 360

aacaggtgag	cccaatccgg	aacttgctag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gagggtggtg	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcaggt	tgcacaggaa	atgtgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggcttacia	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacaa	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tcntgggaac	taacagctgc	taacctgacc	agccgctcag	780
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tgcctctcaa	cctgccttag	ctgcactctc	ttacctacag	ctggacagta	cctgtctgtt	900
tctgtctctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
agggggggccc	aactgatttg	gcctgcgagg	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagccccc	cgtccccgatt	cctttttgct	tctgggttgg	1140
agctccggac	caggaccttc	gtcctggtna	gttttttaaat	aatt		1184

&lt;210&gt; 5242

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (383)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 5242

gtaaacccttc	cccagtccta	tcagagcaaa	ctttctgggg	ttgcatcccc	tcagaaaccc	60
atgtggggcc	caatctcaat	gcacatatca	gtgcgcaaa	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaatttttgg	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccctcaca	tgatcatgta	agctatgcag	ttaccaagc	240
tgcattcattt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gccactagc	tgtgttcaca	tttcccttg	360
gncaccttac	caggggactt	tta				383

&lt;210&gt; 5243

&lt;211&gt; 1278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5243

caactgtgct	tgcagccagg	tcaggcccag	ctgcagccca	ggcaggagca	gtcgcccttc	60
ccacccacag	cgctggccac	agggtccct	gcagggtcag	ggaccagacc	acgcccagag	120
gaggggaggc	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcggaggct	gtcttctgtc	240
gccaaagggtc	ccggaccgag	tacacagtgg	cagctggcct	agttggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggtcgtag	ccaaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcggcggtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsgggaagag	ctcctgcagg	480
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ctgcggttgg	gctgcattga	ctccccgcgg	cggctggccc	cgtcgcmag	gctcggcggm	600
acatacttcc	ctgtcttgtt	ctgcgtggcc	tgcacgggct	ctagctctcc	cggcagcttc	660
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gtatccttgt	aggggcagcg	ggtggtccag	tggtcgccct	tgcagatgcg	gcaggacacg	780
atcttcttgg	ccttgagttt	gttcataggg	tcctcctcct	cctggcagtt	caggctcctc	840
ttgctggtga	tgaacgtcat	agagacatcg	tactgacag	tggtggtggc	cacattgggt	900
ccgggggggt	caaactctga	gttcccgaac	ttcttccagt	tcttctcctc	tgcgacagcc	960

tttgaagcct	tccgggtctc	aatcctgaag	gtgcggacaa	tcttgaactt	cttgccatcc	1020
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ggcggcagtg	gagctcccgg	cagtagctct	ggctctgggc	tggtgtcacc	tgtggccaga	1140
gggatccccct	tgaggagctc	gctggtgaca	catttgctcg	cctccccctc	ctcctccacc	1200
tggtcggccc	aactgggctt	cgaatyaaag	tctccagtag	gcacgcgcaa	aagtattctc	1260
cacgcagccc	aagcccg					1278

<210> 5244  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5244	
ttgagacgga	gtttcaccat
cgctgtggg	attacaggtg
aagcagagag	agaaggcggc
actttaagac	tttactatt
ggagtacgga	aggagcatga
	aagtggacaa
	ggaacgtgac
	cattgaagca
	ccacagggag
	60
	120
	180
	240
	300

<210> 5245  
 <211> 496  
 <212> DNA  
 <213> Homo sapiens

<400> 5245	
attctctctc	cataccaccc
gkttttatttg	tcttattaat
gccatcgcat	ccccctgtgac
ccacaaaaga	agtaaaaaaca
ccccacccta	actgatmaat
aattctcccc	acccttgaga
accccytttg	actgtaattt
tctccctttg	ctgactctct
ccttggttgc	cacaca
	60
	120
	180
	240
	300
	360
	420
	480
	496

<210> 5246  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5246	
gggaggggac	acctggggga
ttgggcagag	ctgacctcag
ggacgaggtg	ccaggtgcct
cgtggacccc	caggaagacc
cagcctggat	ctggaacagt
	60
	120
	180
	240
	300

<210> 5247  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5247	
ggatatgtgta	gcgccagtg
acgggagctg	agcgtggagg
ggctcctgggg	acggggagcg
	60
	120
	180

tctgctgacg	gcttcctgag	gagacggccc	tcggtaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248  
 <211> 507  
 <212> DNA  
 <213> Homo sapiens

<400> 5248						
agggggcggg	cccgtacgcc	gattccatat	gggcgcgcgc	gcggagcgcc	gcggggcagc	60
gcggggctcg	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtcctatg	120
tgaagagtct	ggaaagagmg	rwcmstckkm	wsywrcrgag	gtctcatgtt	ccggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttgggtcacca	gtgagctgga	gaagtccag	300
gaccgcctgg	ccgggtgcac	catgcattgc	aacgacaaaag	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcagg	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
gaccacatgc	acctcatccc	aactatgacc	aagaagatga	aggaggctct	cttatcaatt	480
ggaaaataaa	agtatcttcc	agtggcc				507

<210> 5249  
 <211> 1718  
 <212> DNA  
 <213> Homo sapiens

<400> 5249						
cacaggcttt	ggttcagaat	ataggctcagc	caaccacagg	gtctcctcag	cctgtaggtc	60
agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgccctccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgcctgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
atggagtagg	acagtctcag	gctggttctg	gatctactcc	ttcagaaccc	caccagtggt	300
tggagaagct	tcgggtccatt	aataactata	accccaaaaga	ttttgactgg	aatctgaaac	360
atggccgggt	tttcatcatt	aagagctact	ctgaggacga	talccaccgt	tccattaagt	420
ataatatattg	gtgcagcaca	gagcatggta	acaagagact	ggatgctgct	tatcgttcca	480
tgaacgggaa	aggccccgtt	tacttacttt	tcagtgtcaa	cggcagtgga	cacttctgtg	540
gcgtggcaga	aatgaaatct	gctgtggact	acaacacatg	tgcagggtgtg	tggtcccagg	600
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aactgcgaca	cattcgccta	gagaacaacg	agaataaaac	agtgaaccaac	tctagggaca	720
ctcaggaagt	gcctctggaa	aaggctaagc	aggtgttgaa	aattatagcc	agctacaagc	780
acaccacttc	catttttgat	gacttctcac	actatgagaa	acgccaagag	gaagaagaaa	840
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aacggttgca	tctgcatatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
ttcttaattt	cactgacttc	agagacgatt	gcagacttgc	agtttaagta	ttggaaatttc	1020
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acaaaaaatc	cctctaggta	gtttagggtga	aaaatgtccc	ttttattttg	gctttgggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtctttttac	tatgtttttc	ggatttttaa	1200
gtccgtaagt	gcatacagtt	ttctctaatt	tttaaaccct	ttcctcctcc	cattttgaca	1260
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ttcagccaat	gaggaaagg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
gtgagatcct	gttgagcatc	aaaaaaaaaa	agtcgacc			1718

<210> 5250

<211> 426  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(426)  
<223> n = A,T,C or G

<400> 5250  
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acgggctgac ctccccgctg acagagccgg tgggtgtact ggaggggcac accaagcgag 180  
tgggcatcat cgcctggcac cccacggccc gaaacgtgct gctcagtga ggctgcgaca 240  
acgtggtact catctggaat gtgggcacag cggaggagct gtaccgctg gacagcctgc 300  
accctgacct catctacaat gtcagctgga accacaatgg cagcctgttt tgcctcagcat 360  
gcaaggacaa gagcgtgcgc atcatcgacc cccgtcgggg caccctggtg gcagancggg 420  
agaagg 426

<210> 5251  
<211> 538  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(538)  
<223> n = A,T,C or G

<400> 5251  
caccagtggc tttagggcct gtcgcttacg cgatgcgggt agtattgttc ccgttgcgca 60  
gttgaggaca cctaggttca cggctctgagt aacacctcat tacaccgaag cctgggcctg 120  
tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180  
cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc 240  
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agtctcatg tgtgtccctg tgccactttg ccttgnccct ttgctgtcca tcctttttca 360  
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tggggcccca gcttgtacgg agtctttccc agaaggcccg gcttgggaaca gtacatccca 480  
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<210> 5252  
<211> 1603  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1603)  
<223> n = A,T,C or G

<400> 5252  
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ctccaggctc tccggcacct ctatgtgctg gccgcggagc ccaggcttct agtgmytskg 120  
saygayggac acaaacacgc cctgctatgc cctcttagaa gttacctaca agggcactca 180  
gtggtatgaa caaaccawag aagaattgat ggctcctacc cttcttcag aactccatct 240  
tttaaagcac gattaaagta aaaggcccaa gatactggga actgctcata gatttaagca 300

aaggaacaca	acacttgaag	tccatccttt	ccaaggatgg	ggttttatat	gttaaactcc	360
gggcgggtca	gctctcctac	aaagaagatc	caatgggatg	gcaaagtttg	ttgggtcaga	420
ctgttgctaa	caggaactct	gaagcccggt	ctttcaagca	gaaacaatct	cagcattcac	480
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gaccccgag	atgttgctg	catacatagc	aatggatcag	gctataagaa	gacttgggag	660
aagagaaatg	tctgagactt	ctgaactttg	gcagataaag	ttgggtgttag	agtttttcag	720
ctcccgaagc	catcaggagc	ggctgcagaa	ccaccctaag	cgggggctct	ttatgaactc	780
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gagcatgctg	gcctgcttcc	tcgtctacca	ctctgtgcca	gctccacagc	acctgccacc	960
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aatggggcca	gtgcgagctt	tgtgtgagatt	ggctcctttg	cttcttgga	atccacagcc	1080
aatggtgatg	tgaccgtgtc	tggcggtgaa	cctaccctga	aacgtgactt	ctgcacaaca	1140
aacgtgacca	aacatcaaag	ctaaagcaat	gtttataaag	ttttatggta	taactagggg	1200
gaaatgagct	gcacaaacct	caatgtatct	taaatctgtt	gctgtcatca	ttaacgggat	1260
atgacatata	aaagcaagtt	aaaatttact	tttgtaaata	aagtttttgg	ttgtttcca	1320
aaactcttga	tgattgcttt	agttttggac	ttagagaata	gagcaggggt	tgctggagtg	1380
aatattgatt	tttaaagtct	ttgaactgtg	gtgggtatag	gtgaagtgtg	tatgcccaaa	1440
aatgccaaagt	tttaaaagaa	gctatgtcat	aaagttttac	tttctgtggg	caaaagagcg	1500
cttttagccat	ttcctcagat	gtcacagttg	tccccgtcta	aaataagttt	gtacttctgg	1560
gtgaccatgn	ccagacactc	ttatggaggt	gatccccctt	aac		1603







## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: HUMAN GENES AND GENE EXPRESSION PRODUCTS II					
(57) Abstract					
<p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>					

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/01619

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/12 C07K14/47 C07K16/18 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N C07K C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CARMECI ET AL: "Identification of a gene (GPR30) with homolgy to the G-protein -coupled receptor superfamily associated with estrogen receptor expression in breast cancer" GENOMICS, vol. 45, no. 3, 1 November 1997 (1997-11-01), pages 607-617 17, XP002099963 see page 608, left-hand column, paragraph 3 abstract --- -/-	1-8

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

## \* Special categories of cited documents :

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\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

2 July 1999

Date of mailing of the international search report

08.11.99

Name and mailing address of the ISA

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Lonnoy, 0

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	YEATMAN ET AL: "Identification of genetic alterations associated with the process of human experimental colon cancer liver metastasis in the nude mouse" CLINICAL & EXPERIMENTAL METASTASIS, vol. 14, no. 3, May 1996 (1996-05), pages 246-252 252, XP002099961 abstract	1-8
X	--- YEATMAN T ET AL: "Identification of a differentially-expressed message associated with colon cancer liver metastasis using an improved method of differential display" NUCLEIC ACIDS RESEARCH, vol. 23, no. 19, 1995, pages 4007-4008, XP002099962 the whole document	1-8
A	--- RADINSKY ET AL: "Level and function of epidermal growth factor receptor predict the metastatic potential of human colon carcinoma cells" CLINICAL CANCER RESEARCH, vol. 1, no. 1, January 1995 (1995-01), pages 19-31 31, XP002099964 the whole document	
A	--- BALDI ET AL: "Differential expression of the retinoblastoma gene family members pRb/p105, p107, and pRb2/p130 in lung cancer" CLINICAL CANCER RESEARCH, vol. 2, no. 2, July 1996 (1996-07), pages 1239-1245 45, XP002099965 the whole document	
A	--- OKAMURA K ET AL: "Endogenous basic fibroblast growth factor-dependent induction of collagenase and interleukin-6 in tumor necrosis factor-treated human microvascular endothelial cells" JOURNAL OF BIOLOGICAL CHEMISTRY., vol. 266, no. 29, 15 October 1991 (1991-10-15), pages 19162-19165, XP002108129 figure 5 -----	

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 99/ 01619

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION SHEET
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see invention 1.

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Invention 1: claims 1-8

A library of polynucleotides comprising the sequence information of at least one of the sequences 1-3544, 3546-4510, 4512-4725, 4727-4748 and 4750-5252.

2. Invention 2: claims 9, 11-14 all partially

The isolated nucleic acid with SeqIdNo:1, sequences with at least 90% sequence identity therewith and degenerate variants thereof, host comprising said nucleic acid, peptide encoded by said nucleic acid, antibody against said protein, vector comprising said nucleic acid.

3. Inventions 3-5253: claims 9-21, all partially, as far as applicable

As invention 2, and, when applicable, a method for detecting the differential expression of said nucleic acid, but limited respectively to the SeqIdNo:2-5252.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

In view of the large number of libraries, which are defined by the general definition in the independent claim 1, the search had to be restricted for economic reasons. The search was limited to the libraries for which data was given in the description, or libraries derived from cell lines mentioned in table 4 of the description, and to the general idea underlying the application (see Guidelines, Part B, Chapter III, paragraph 3.6.).

